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Lancaster Farming

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Farmers Advised To Check Tobacco For Flea Beetles

BY LISA RISSER

LANDISVILLE (Lancaster) — "Farmers should check their tobacco fields for flea beetles," advised John Yocum, senior research associate at Penn State Field Research Lab. "I've been getting phone calls from farmers reporting it in their field corn."

The small, black insects damage corn and tobacco plants by chewing tiny holes in the leaves. "They can actually kill tobacco plants if enough of them get into the heart, where they feed on the new leaves as they emerge," Yocum explained.

The beetles transmit Stewart's or bacterial wilt to corn, and early-season sweet corn in particular is prone to this disease. Most varieties of field corn and several sweet corn varieties are resistant to the disease.

The flea beetle is about the size of the point of a lead pencil and have a shiny, black shell. When approached by a hand or other object, the insect will jump or spring into the air.

"Farmers who have applied Furadan or Disyston on the soil during pre-plant or used Orthene in the transplant water won't have a problem now," said Yocum. "They may have a problem with second-generation flea beetles, which emerge in August, if they let their tobacco stand five weeks. Second-

(Turn to Page A35)

Sample Ordinance Requires Permit For Farm Expansion

BY PAT PURCELL

LANCASTER — A sample ordinance for livestock and poultry manure management was submitted on Friday to all Lancaster County township supervisors. It is designed to serve as a nutrient management model for townships where excessive manure may be threatening local water quality.

This model, if passed into law, would protect those farmers who utilize good management practices, but would provide local governments with the means of monitoring those farmers who are not adhering to environmentally-safe nutrient management plans. The sample ordinance is the result of work begun in 1985 by a committee made up of several members of the Lancaster County Conservation District Board of Directors. According to Amos Funk, committee chairman, work was initiated due to the growing public concern about ground water and stream contamination due to high nitrates from excessive manure application through Lancaster County.

(Turn to Page A37)

It's Strawberry Pickin' Time

It's strawberry picking time! When young and old alike gather the scumptious fruit, managing to get as much in their mouth as in their baskets. The Erbs, owners of Brooklawn Farm Market, began their adventure into produce marketing when they sold the surplus from their garden. Here, six-year-old Diana dips into some sugarless strawberry jam for a taste test. Look to B14 for more on the Erb family.

Mastitis Problem? Milking System Check-up Could Solve It

BY PAT PURCELL

LITITZ (Lancaster) — The milking system is the only piece of equipment on the dairy farm used every day, twice a day, 365 days, year after year after year. Unlike the balers, the harvesters, and the corn planters, the signs of the changing seasons signal no break from the daily grind permitting time for the necessary R and R, rest and repair.

Few farmers would consider thrusting their seasonal equipment into operation without a going-over. And yet everyday the majority of dairymen flip the switch on the one piece of machinery which directly plugs into their biggest investment, their dairy cows, without a second thought to maintenance.

There is the temptation to believe that as long as the system is operating, then all is well and that is a temptation to which too many dairy farmers succumb. And that's a sin that can eat away at the profits in limited milk production and increased costs through the increased incidence of mastitis.

Milking System Check-up

There is no better time than now, before the hot, muggy days of summer arrive to have the system checked by a serviceman. The cold temperatures and build up of dust and dirt during winter takes a toll on mechanical parts. Also, while the cold temperatures discourage bacterial growth, the moist warm conditions of spring will encourage unwanted organisms to flourish.

The recommendation for a milking equipment system check up varies among servicemen and depends upon brand of milking system and the size and load of every operation. But a once over every six months is preferable, but once a year checkup is a **must**. The necessity for a regular checkup is where all experts agree.

"If you wait until you have a problem, then you have waited too long," says Jim Lefever of Jim's Surge in Quarryville. "Many of our farmers have us in regularly and of course we don't sell as many major repairs that way."

Milk Loss To Mastitis

An improperly functioning milking system can lead to increases in the spread and incidence of mastitis in the dairy herd by allowing fluctuations in the vacuum which injures teat ends and allows bacteria to enter the teat canal and cause mastitis. The greatest profit losses to dairymen, up to 70 percent, result from decreased milk production due to subclinical mastitis.

Mastitis can lower total herd

(Turn to Page A32)

Ralph McGregor reduced the somatic cell count from 650,000 to 149,000 in his 102-head milking herd without drug treatments. Find out how this Kralltown dairy farmer treats mastitis successfully this week's story by Joyce Bupp, Lancaster Farming's York County Correspondent, Section D, page 2.

Ag Preservation Debated At LAND Meeting

BY LISA RISSER

LANCASTER — What began as a primer on citizen involvement in local land-use decisions turned into a lively discussion on the pros and cons of farmland preservation at the Tuesday night meeting of Lancaster Allied for New Directions (LAND).

After an hour or so of trading opinions, the group, composed of LAND members, farmers, surburbanites, and city dwellers, was united by a plea from one man who asked, "Couldn't we all work together?"

The exchange began after a talk by Daniel C. Herr, attorney and president of The Friends of Agricultural Preservation, at the Lancaster Community Center. During the discussion period that followed, Harold Z. Musser, a farmer and Mount Joy township official, expressed his concerns about farmland preservation. Of particular concern to him was the arbitrary zoning of farmland for agricultural use, which limits a farmer's options, especially on unproductive land.

Opponents of ag preservation accused proponents of buying farmland to build on and then trying to prevent others from building.

Commented Musser, "The best preservationist is the last guy who moved in."

After a flurry of objections, a preservationist said, "We're planning for the future — our children and grandchildren. Should the county be developed, and how much should be developed?"

Added another, "I'd like to see them (farmers) around, still owning two-thirds of the land 50 years from now or 100 years from now."

The group was asked how many of the farmers present were young. No hand was raised. A voice from the back spoke up, "That's because they (young adults) can't afford to buy the land."

Answered another man, "When farming pays, the land will stay in agriculture."

The discussion ended with a suggestion from a preservationist who asked if the problem with building highways through Amish land could be solved by designating the area as a national set-aside.

Livestock market and auction news

Lancaster Livestock Auction

Lancaster, PA
Monday, June 6, 1988

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts	1363	79	559	442	592
Monday's Auction	1214	109	538	518	465
Last Monday's Auction	804	72	719	554	378
Last Year's Auction	1186	84	325	711	311

CATTLE: Slaughter steers 1.00 higher; slaughter heifers steady; cows firm to 50 higher; bulls 3.00-5.00 higher. Supply included 70% slaughter steers, 11% slaughter heifers, 9% cows, and 10% bulls.

SLAUGHTER STEERS: High Choice and Prime 2-4 1100-1500 lb 77.00-79.25; Choice 2-4 950-1100 lb 72.00-75.75, 1100-1500 lb 73.00-77.00, bulk 74.00-76.00; mixed Select and Choice 2-3 1000-1500 lb 68.50-74.00; Select 2-3 1000-1400 lb 67.25-71.25; Holsteins, Choice 2-3 1350-1600 lb 69.00-70.00, Select 1-2 1200- 1400 lb 66.50-69.00.

SLAUGHTER HEIFERS: Few high Choice and Prime 2-3 1100-1300 lb 75.00-76.75; Choice 2-4 900-1100 lb 70.00-73.00, 1100-1300 lb 71.00-75.00; Choice 4 900- 1100 lb 68.00-70.75; Select 2-3 850-1125 lb 62.25-64.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility and Commercial 2-4 48.00-52.00 52.00-55.75 Cutter and Boning Utility 1-3 48.50-51.50 52.00-54.50 Canner and low Cutter 42.00-46.00 46.00-49.00.

BULLS: Yield grade 1 1200-2000 lb 66.00-70.00, high dressing 70.00-72.00, few head from 74.00 up to 78.25; yield grade 2 1100-1500 lb 62.00-65.00, few low dressing 56.75-60.00.

VEAL CALVES: Vealers unevenly steady; Holstein bulls returned to farm 5.00- 10.00 lower.

VEALERS: Choice 150-380 lb 100.00-125.00; high Good and low Choice 110-350 lb 90.00-110.00.

RETURNED TO FARM: Bulk 95-125 lb Holstein bulls 125.00-150.00.

HOGS: Barrows and gilts 2.00 lower; sows steady to 1.50 higher.

BARROWS AND GILTS: US 1-2 215-245 lb 50.75-51.50. US 1 210-240 lb 52.00-54.00. US 1-3 205-250 lb 49.75-50.50. US 2-4 200-260 lb 48.00-49.50.

SOWS: US 1-2 300-400 lb 34.00-37.50. US 1-3 400-525 lb 33.00-36.50. US 2-3 450-550 lb 31.00-35.00.

BOARS: Under 300 lb 33.00-37.00; over 300 lb 28.50-30.25.

SHEEP: Spring lambs and slaughter ewes firm.

SPRING LAMBS: Choice and Prime 80-110 lb 68.00-72.00, 60-80 lb 65.00-80.00, few under 60 lb 70.00-110.00.

SLAUGHTER EWES: Utility and Good 15.00-30.00; yearlings and two-year olds 30.00-50.00.

GOATS: All goats sold by the head. Large 50.00-80.00, few up to 100.00, thin 35.00-50.00; Medium 35.00-50.00, thin 25.00-35.00; Kids 25 00-35.00, thin 15.00-25.00.

Vintage Livestock Auction

Tuesday, June 7, 1988
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1080	864	29	0
Last Tuesday	865	751	13	6
Last Year	1274	709	4	4

CATTLE: SLAUGHTER STEERS FIRM; NOT ENOUGH SLAUGHTER HEIFERS OR BULLS TO TEST THE MARKET TRENDS; SLAUGHTER COWS STEADY. SUPPLY CONSISTED OF 67% SLAUGHTER STEERS, 3% SLAUGHTER HEIFERS, 29% COWS, WITH THE BALANCE BULLS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-4 1150-1400 LB. 77.00-79.50; CHOICE 2-4 1050-1450 LB. 74.00-77.75; SELECT AND CHOICE 2-3 1100-1300 LB. 70.00-74.00; SELECT 2-3 1100-1300 LB. 68.00-72.00; HOLSTEINS, FEW MIXED STANDARD AND SELECT 1250-1600 LB. 63.00-67.00.

SLAUGHTER HEIFERS: FEW CHOICE 2-4 1000-1250 LB. 72.00-75.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 BULK 48.00-52.00, HI DRESSING FEW 52.00-54.75; CUTTER AND BONING UTILITY 1-3 BULK 48.00-51.25; CANNER AND LOW CUTTER LO DRESSING FEW 42.00-45.00, BULK 46.00-49.00.

BULLS: FEW YIELD GRADE 2 1100-1900 LB. 60.00-66.50.

VEAL CALVES: VEALERS FIRM; CALVES RETURNING TO FARM SHARPLY LOWER, 10.00-20.00 LOWER. SUPPLY INCLUDED 618 IN GRADED SALE OF WHICH 58% SOLD TO RETURN TO FARM.

VEALERS: CHOICE AND PRIME 245-400 LB. 115.00-129.00; HIGH GOOD AND LOW CHOICE 65-135 LB. 95.00-108.00, FEW 130-170 LB. 65.00-85.00; STANDARD AND LOW GOOD 75-95 LB. 85.00-100.00.

RETURNED TO FARM: HOLSTEIN BULLS 100-125 LB. 123.00-129.00, 85-100 LB. 100.00-111.00; SMALL FRAME 80-130 LB. 100.00-115.00. HOLSTEIN HEIFERS 90-115 LB. 128.00-130.00, FEW 70-90 LB. 98.00-101.00.

SHEEP: NO MARKET TEST.

GOATS: NO MARKET TEST.

St. Louis Hogs

HOGS: 2500- BARROWS & GILTS SLOW, 1.00 LOWER.

US 1-3: 210-270 LB. 49.00-49.50, MANY 49.50.

US 2-3: 250-270 LB., 49.00-49.25; 270-300 LB. 46.25-48.50.

SOWS: STEADY-1.00 LOWER. (ABOUT 8%).

US 1-3: 300-500 LB. 37.00-38.00; OVER 500 LB. 35.00, FEW 35.50-36.00, CLEARANCE INCOMPLETE.

BOARS: OVER 300 LB. 36.00, FEW 36.50; UNDER 300 LB. 35.00-36.00.

Lancaster Livestock

Wed., June 8, 1988

	Cattle	Calves	Hogs	Sheep	Goats
Wed's Receipts	170	9	350	9	1
Wed's Auction	133	12	420	0	0
Last Wed's Auction	188	7	467	0	0
Last Year's Auction	356	24	365	0	4

CATTLE: Slaughter steers steady; not enough of any other class to test market trends. Supply included 77% slaughter steers.

SLAUGHTER STEERS: Choice 2-4 1040-1350 lb 74.00-77.00, couple head high Choice 2-3 77.50-78.00; mixed Select and Choice 2-3 1050-1350 lb 70.00-74.25; Select 2-3 1100-1250 lb 68.00-72.00.

COWS: Few Cutter and Boning Uulity 1-2 47.50-50.00.

VEAL CALVES: Insufficient volume for a market test.

HOGS: Barrows and gilts 2.00 higher; not enough sows to test market trends.

BARROWS AND GILTS: US 1-2 225-245 lb 53.25-53.75, 210-225 lb 52.50-53.00. US 1 Few 210-245 lb 54.00-55.00. US 1-3 200-270 lb 52.00-53.00.

SOWS: US 1-3 Few 395-500 lb 33.00-35.25.

BOARS: Few 400-475 lb 29.00-30.25.

SHEEP: No market test.

GOATS: No market test.

Indianapolis Hogs

HOGS: 600- BARROWS & GILTS MODERATELY ACTIVE, 1.25-2.00 LOWER, MOST DECLINE ON WEIGHTS OVER 260 LBS.

US 1-3: 225-250 LB. 49.50-49.75, ABOUT 120 HEAD 50.00-50.25.

SOWS: MODERATELY ACTIVE, 1.00 LOWER IN LIGHT TEST. (3%).

US 1-3: 425-525 LB. 35.00-36.00.

BOARS: OVER 400 LB. 35.00.

East Coast Carlot

Wed., June 8, 1988
Report supplied by USDA

EAST COAST CARLOT MEAT TRADE DELIVERED PRICES (CAF) BOSTON TO WASHINGTON AREA INCLUSIVE.

COMPARED TO TUESDAY'S CLOSE: CHOICE AND PRIME SPECIAL FED VEAL UNEVENLY STEADY. GOOD AND CHOICE BONING VEAL STEADY IN LIMITED TEST AND COMPARISON; INSHIPPED UNTESTED.

VEAL CARCASS
HIDE-ON
CHOICE & PRIME
SPECIAL FED
410 HEAD

210-213 LBS. 210.00-212.00, FEW 215.00, UNEVENLY STEADY.

GOOD AND CHOICE
BONING TYPE - HIDE ON
NORTHEASTERN SUPPLIERS
100 HEAD

65-75 LBS. LTD 147.000, STEADY.
55-64 LBS. LTD 143.00.
45-54 LBS. LTD 139.00.
35-44 LBS. LTD 135.00.
34 LBS. DWN LTD 133.00.
INSHIPPED
NO SALES REPORTED.

New Holland Livestock

New Holland, Pa.
Thursday, June 9

Cattle	Calves	Sheep	Goats
1352	592	107	35

SLAUGHTER STEER AND HEIFERS STEADY TO MOSTLY 1.00 LOWER, HOLSTEIN STEERS 2.00-3.00 LOWER. COWS STEADY TO 1.00 LOWER, FULL DECLINE ON CANNER AND LOW DRESSING CUTTER. BULLS STEADY. SUPPLY INCLUDED 63% STEERS, 7% HEIFERS, 23% COWS, 5% BULLS WITH THE BALANCE FEEDERS.

SLAUGHTER STEERS: CHOICE AND PRIME 2-4 1250-1650 LBS. 76.00-78.00; CHOICE 2-4 1200-1600 LBS. 73.00-77.00; 1000-1200 LBS. 73.00-75.00; MIXED SELECT AND CHOICE 2-3 1000-1500 LBS. 70.00-74.00; SELECT 2-3 1000-1300 LBS. 68.00-71.00. HOLSTEINS, CHOICE 2-3 1250-1600 LBS. 64.00-67.00; SELECT 2 1200-1500 LBS. 60.00-65.00.

SLAUGHTER HEIFERS: CHOICE 2-4 975-1250 LBS. 70.00-73.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 48.00-51.50, FEW HIGH DRESSING 51.50-53.25; CUTTER AND BONING UTILITY 1-3 47.25-50.75, FEW HIGH DRESSING 51.75-52.75; CANNER AND LOW CUTTER 44.00-47.75, LOW DRESSING 42.00-44.00.

BULLS: YIELD GRADE 1 1100-2000 LBS. 66.00-70.50, YIELD GRADE 2 1100-1900 LBS. 60.00-66.00.

VEAL CALVES: COMPARED TO TUESDAY, VEALERS GENERALLY STEADY, CALVES RETURNING TO FARM STEADY EXCEPT SMALL FRAME WEAK.

VEALERS: HIGH CHOICE AND PRIME 250-400 LBS. 113.00-136.00, HIGH GOOD AND LOW CHOICE 120-400 LBS. 85.00-111.00, 70-120 LBS. 95.00-104.00; FEW STANDARD AND LOW GOOD 60-100 LBS. 80.00-92.00.

RETURNED TO FARM: BULK 85-130 LB. HOLSTEIN BULLS 113.00-135.00, SMALL FRAME 75-110 LBS. 99.00-110.00.

SHEEP: SPRING LAMBS FIRM, EWES STEADY IN A LIGHT TEST.

SPRING LAMBS: CHOICE AND PRIME 80-100 LBS. 68.00-76.00, 60-80 LBS. 75.00-86.00.

SLAUGHTER EWES: UTILITY AND GOOD 19.00-25.00, FEW YEARLINGS AND TWO YEAR OLDS 25.00-48.00.

GOATS: ALL GOATS SOLD BY THE HEAD. FEW MEDIUMS 35.00-50.00, FEW SMALLS 14.00-30.00.

Lancaster County Weekly

Lancaster, Pa.
Friday, June 10, 1988

	Cattle	Calves
This Week	4150	1550
Last Week	3456	1396
Last Year	4695	1354

CATTLE: Choice slaughter steers closed steady weakening late, Holstein steers fell 2.00-3.00 late in the week; slaughter heifers closed 1.00 lower than a week ago; cows sold uneven, steady to 1.00 lower; bulls 2.00 higher. Supply included 61% steers, 7% heifers, 18% cows, 5% bulls, with the balance feeders.

SLAUGHTER STEERS: Choice and Prime 2-4 1100-1500 lb 77.00-79.50, selling down to 76.00 late in the week; Choice 2-4 1100-1500 lb 73.00-77.00, 1000- 1200 lb 72.00-75.00; mixed Select and low Choice 2-3 1000-1500 lb sold firm through the week at 70.00-74.00; Select 2-3 1000-1400 lb 68.00-72.00; Holsteins, Choice 2-3 1250-1600 lb 65.00-70.00, selling down to 64.00-68.00 late in the week, Select 2 1200-1500 lb 63.00-69.00, late sales 60.00-65.00.

SLAUGHTER HEIFERS: Few high Choice and Prime 2-3 1100-1300 lb 75.00-76.75; Choice 2-4 950-1300 lb 70.00-75.00, late sales 70.00-73.00; Select 2-3 850- 1125 lb 62.25-64.00

COWS: Breaking Utility and Commercial 2-4 48 00-52.00, few high dressing 51.50-54.00; Cutter and Boning Utility 1-3 48.00-51.50, late sales 47.25- 50.75, few high dressing 51.75-53.00; Canner and low Cutter 44.00-47.75, as high as 49.00 early in the week, low dressing 42.00-44.00.

BULLS: Yield grade 1 1100-2000 lb 66.00-70.00, few high dressing 70.00-74.00; yield grade 2 1100-1900 lb 60.00-66.00.

VEAL CALVES: Vealers generally steady; Holstein bulls to return to the farm 10.00-20.00 lower.

VEALERS: High Choice and Prime 250-400 lb 113.00-136.00; high Good and low Choice 110-400 lb 85.00-111.00, 70-120 lb 95.00-108.00; Standard and low Good 60-100 lb 80.00-100.00.

RETURNED TO FARM: Bulk 85-125 lb Holstein bulls 113.00-135.00, few up to 150.00 early in the week; small frame 75-130 lb 99.00-115.00. Holstein heifers, 90-115 lb 128.00-130.00, few 70-90 lb 98.00-101.00.

Midwest Flashes

Thurs., June 2, 1988

Peoria Hogs

2200- BARROWS & GILTS SLOW, MOSTLY 1.50 LOWER.

US 1-3: 220-250 LB. 50.00-50.50, SOME 49.50, FEW 200-220 LB. 48.00-50.00.

US 2-3: 240-260 LB. 49.00-50.00.

SOWS: UNDER 400 LB. STEADY-.50 LOWER; OVER 400 LB. .50-2.00 LOWER (FEW LOTS UNSOLD) (15%)

US 1-3: 325-400 LB. 40.00-40.50, 400-500 LB. 37.00-38.00; FEW 500-650 LB. 35.50.

BOARS: OVER 350 LBS. 35 00; UNDER 350 LB. 34.00-35.00.

A LESSON WELL LEARNED...
Lancaster Farming's CLASSIFIED ADS GET RESULTS!
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Open 24 hours a day
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(717) 394-2611

AUCTIONS
MONDAY
9:00 A M —Slaughter Bulls, Heifers, Steers, Cows
10 00 A M —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8 00 A M —Slaughter Hogs
10 00 A M —Slaughter Bulls, Heifers, Steers, Cows
11 00 A M —Veal Calves, Lambs
FRIDAY
11 00 A M —Stocker and Feeder Cattle
SATURDAY
8 00 A M —Slaughter Hogs
Next Graded Feeder Cattle Sale
Fri., June 24 - 11:00 A.M.
Graded Cattle sold in lots of 10 or more
LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 91 Years

B&R CATTLE CO.
RD 1, Marietta, PA 17547
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Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653-5728
RON RANCK
Ph (717) 656-9849

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt 30

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auction every Tuesday at 12:30. Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

HOG MARKETS

New Holland Feeder Pigs

Wed., June 8, 1988

TODAY	1454
LAST WEDNESDAY	636
LAST YEAR	998

TREND: Compared to last Wednesday US 1-2 and US 2 feeder pigs under 60 lb 20 00 lower. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 133 33-39 90.00-110.00 235 40-49 90.00-104.00. 223 50-59 85.00-97.00. 3 Lots 62-70 79.00-91.00.

US 2 2 Lots 22 140.00-146.00. 38 25-29 88.00-106.00. 1 Lot 33 117.00, 132 32-37 76.00-96.00. 75 41-43 90.00-92 00. 72 51-77 76.00-88.00. 2 Lots 86 & 95 71.00.

US 2-3 1 Lot 27 102.00.

Peoria Hogs

Peoria, Ill.

Wed., June 8, 1988

HOGS: 1800 TRADING MODERATE BARROWS AND GILTS STEADY TO .50 HIGHER THAN BULK OF TUESDAY'S SALES.

US 1-3 220-250 LBS. 51.50-52.00, SOME 51.00 FEW 200-220 LBS. 49.50-51.50 2-3 240-260 LBS. 50.50-51.50, SOME 50.00 FEW 270-290 LBS. 47.00-49.00

SOWS: STEADY TO 1.00 LOWER 22%

US 1-3 325-400 LBS. 40.00-41.00 400-500 LBS. 39.00-39.50, FEW 40.00 500-650 LBS. MOSTLY 36.00, SOME 36.50

BOARS: OVER 350 LBS. 36.75 UNDER 350 LBS. 35.50-37.00

HOG 214

HB 50.00-52.00 HC 51.00-52.00 HD 51.00-52.00 HE 51.00-52.00 HH 49.50-51.50 HI 51.00-52.00 HJ 51.00-52.00 HK 51.00-52.00 HQ 50.00-51.00 HR 49.00-50.00 VV 40.00-41.00 WW 39.00-40.00 XX 36.00-36.50 YY 36.00-36.50 ZZ 36.75-36.75

Lancaster Hogs

Lancaster Stockyards

Mon., June 4, 1988

Report supplied by auction

854 HEAD.

US #1, 215-230 LBS. 53.50-54 00.

US 1'S & 2'S 210-260 LBS 52.50-53.25.

US 1'S & 3'S 205-250 LBS. 51.50-52.35.

US 2-4'S 200-250 LBS. 50.00-51.00, WITH A FEW LATE 49.00-50.00.

SOWS: ALL WEIGHTS 33 00-37 00

BOARS: UNDER 300 LBS. 38.50-44.00, OVER 300 LBS. 29.50-30.00

New Holland Hogs

Lancaster, PA

Monday, June 6, 1988

TODAY	816
LAST MONDAY	577
LAST YEAR	795

TREND: No trend reported due to holiday one week ago.

BARROWS AND GILTS: US 1-2 210-245 lb 50.50-51.75.

US 1 215-230 lb 55.25-55.50.

US 1-3 200-250 lb 49.50-50.00.

State Graded Feeder Pig Sale at Westminster Livestock Auction

Friday, June 3, 1988

1160 PIGS- 2 WKS. AGO 1295. COMPARED TO LAST SALE PRICES WERE FULLY $5-10 PER HUNDRED LOWER. ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE POUND.

GRADE 1&2: 58 HD. 27-29 LBS. 118.00-120.00; 76 HD. 30-38 LBS. 99.00-114.00; 306 HD. 41-48 LBS. 98.00-111.00; 54 (TAILS) HD. 43-48 LBS. 85.00-95.00; 221 HD. 50-57 LBS. 91.00-97.00; 155 HD. 52-59 LBS. 84.00-88.00; 83 HD. 60-66 LBS. 78.00-88.00; 33 HD. 71-75 LBS. 64.00-74.00.

GRADE 2: 50 HD. 36-46 LBS. 90.00-104.00; 8 HD. 56 LBS. 75.00.

GRADE 2&3: 86 HD. 17-45 LBS. 60.00-86.00.

NEXT SALE FRIDAY, JUNE 17TH 1:30 P.M.

North Jersey Livestock

Hackettstown, NJ

Tues., June 7, 1988

Report supplied by auction

CALVES .20-1.45.
COWS .38-.67.
EASY COWS .09-.44½.
HEIFERS .47-.70½.
BULLS .56-.67.
STEERS .49¾-.84.
HOGS .20-.50.
ROASTING PIGS, EACH 28.00-54 00.
BOARS: .25-.27.
SOWS: .30-.34.
SHEEP .10-.53.
LAMBS, EACH 21.00-71 00
LAMBS, PER LB. .40-1.07.
GOATS, EACH 25 00-107 00.
KIDS, EACH 5 00-56 00.
TOTAL 1,339.

PIGS

STATE GRADED SALE
FRI., JUNE 17
1:30 P.M.
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LIVESTOCK AUCTION
Westminster, MD

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Fri., June 24 at 11:00 A.M.

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Lancaster Stockyards
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GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, June 3 through Thursday, June 9)

CORN

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	234½	244½	257¼	251	253¼
SEPT.	243¾	253¾	266	260½	262¼
DEC.	256¼	266¼	276¾	272	274¾
MAR. 89	264¼	274½	287½	279¼	281¼
MAY	269	279	288	283½	285½
JULY	269¾	279¾	289	284	286½

SOYBEANS

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	849	879	882	860½	886
AUG.	854½	884½	887	865½	890½
SEPT.	855½	885½	886½	861½	890
NOV.	864	894	890½	862	891½
JAN. 89	871	901	896½	866½	897
MAR.	875	905	901¼	872½	901½
MAY	868½	898½	889½	866	887½
JULY	856	886	875½	855	880

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THUR.
JUNE	72.65	73.22	73.10	72.75	72.37
AUG.	67.62	68.67	68.17	67.12	66.65
OCT.	67.10	68.12	67.87	67.30	67.02
DEC.	68.55	69.97	69.65	69.07	68.95
FEB. 89	68.85	70.35	70.57	69.95	69.85
APR.	70.35	71 85	72.25	71.80	71.75

WHEAT

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	362¼	382¼	378	369¾	372
SEPT.	372¼	392¼	384½	379	380¼
DEC.	383½	403½	395½	388¾	390¾
MAR. 89	387	407	399	391	393
JULY	342	362	350	342½	340½

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	262.70	272.70	280.50	273.50	281.20
AUG.	260.40	270.40	278.20	271.20	279.70
SEPT.	259.70	269.70	276.08	268.50	278.20
OCT.	259.00	269 00	274.50	265.70	276.70
DEC.	258 70	268.70	272.50	265.20	275.20
JAN. 89	257.70	267.70	270.00	263.50	272.70
MAR.	254.70	264.70	267.00	260.20	270.50
MAY	254.00	264.00	266.00	260.50	——

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THUR.
JUNE	52.45	52.95	59.92	51.42	51.00
JUL.	53.05	53.62	52.85	51.35	50.02
AUG.	51.55	52.25	51.70	50.20	48.70
OCT.	45.20	46.05	45.82	44.42	44.65
DEC.	46.35	47.40	47.77	46.67	46.57
FEB. 89	47.20	48.70	49.10	48.52	48.42
APR.	44.70	46.00	46.50	45.65	45.60

FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

This market information provided by ACRES ACRES is a copyrighted market information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers' Association Farm Management Services For additional market comments and trading service contact PFA Commodity Futures Service (717) 761 2740

Acres Corn Update: Corn futures today closed lower from 4-1/2 to 6-1/4 cents with selling featured on news of rainfall in parts of the belt overnight. Forecasts for additional storm activity added to the selling enthusiasm. July felt increased pressure on CCC corn catalog woes, with many participants cautious. Support came from rumors of possible reductions in carryout figures on tomorrow's USDA supply and demand reports, and continued questions about the effects the prolonged lack of rain would have on yield figures.

Acres Soybean Update: Soybean futures closed sharply lower and near session lows as forecasts for rainfall across the belt fueled liquidation of the weak longs. Technical support pared further losses as November filled the gap between Monday's limit-up close and Friday's limit-up close. Today's expanded limits added to the bearish tone. November traded at a high of $8.86 early in the day, and settled at $8.62, down 28-1/2 cents from yesterday.

Acres Wheat Update: Wheat futures closed lower today from 5-1/2 to 8-1/4 cents up slightly from session lows. Selling was featured throughout the session on improved weather news and technical weakness from yesterday's sales. Losses late in the session were attributed to new rainfall forecasts. Support throughout the day came on short covering and heavy professional buying in anticipation of tomorrow's USDA production report.

Pre-Release estimates are as follows for the USDA Wheat Production report schduled for release Thursday:

(In Bln. Bushels) Average Range May USDA 1987 Estiamte Production All Wheat 1.539 1.470-1.590 1.620 1.563 Hard Red Winter .958 .889-1.000 1.010 1.019 Soft Red .402 .365- .413 .426 .348

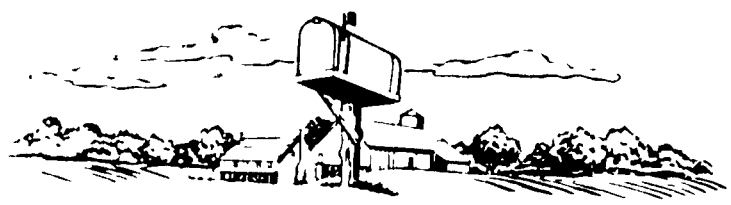
Acres Cattle Update: Live cattle and feeder cattle futures lost ground today, with closes from 35 lower to 105 lower. Settlements were above session lows, which were made midday on spillover weakness from limit-down losses in the neighboring hog and belly pits Further pressure in the August option, which posted a 105 point loss was tied to heavy selling linked to technical weakness. Yesterday's deferred month interest evaporated today on declining grain values. Spot option support was attributed to the continued futures discount to cash.

CME FEEDER CATTLE SETTLEMENT PRICE: 6/04/88- $78.41 dn 7

ACRES NEXT DAY OUTLOOK: cash -steady to weak futures-steady to lower

Acres Hog Update: Live hog futures closed from 50 lower to limit down with heavy selling attributed to limit down conditions in the pork bellies. Belly weakness was tied to slack retail demand and continued unprofitable packer margins. This morning's delivery intentions report pressured the front months further along with steady to lower cash openings. A slight increase in receipts yesterday fueled selling interest on the opening along with plunging grain futures quotations thru out the session.

ACRES NEXT DAY OUTLOOK: cash - steady to weak futures - steady to lower



In this issue

Five Sections

Columns

Now is the Time..... A10
Back Home..... B 4
On Being A Farm Wife..... B 5
Microwave Minutes..... B 7
Have You Heard..... B11
Ida's Notebook..... B17
Low Down On Layers..... E 2
Farm Philosophy..... C 4

Dairy

Dairy Policy..... A26
Crawford Family..... A28
Farm Family Tribute..... B18
Lancaster DHIA..... B22
Dauphin DHIA..... B24
Mastitis Drugs..... D 2
Berks DHIA..... D 5
N.Y. & N.J. Awards..... D10
Milk Marketing..... D12

Departments

Editorial..... A10
Farm Calendar..... A10
Farm Forum..... A10
Classified Ads..... B26, C 5
Business News..... C 2
Mailbox Markets..... E 5
Sale Reports..... E12
Public Auction Register..... E15

Features

Hay Making Risks..... A24
Farm Management Problems A27
Volunteers Reorganized..... B12
Strawberry Patch..... B14
Farm Belt Crisis..... B21
Farmer/Collector..... D 8
Livestock Contest..... E 2

Home and Youth

Homestead Notes..... B 2
Home On The Range..... B 6
Cook's Question Corner..... B 8
Kid's Korner..... B10
4-H Happenings..... D 9

POULTRY MARKETS

N.E. Weekly Shell Egg Report

Tuesday, June 7

Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP	.74-78	.72-76	57-.61	37-41
MOSTLY	76-77	74-75	59-60	39-40
R.I	.77-81	75-79	60-64	40-44
MOSTLY	.77	75	60	40
VERMONT	83-89	81-86	68-72	
MOSTLY	83	.81	68	
MAINE	81-88	79-87	64-71	44-51

New York Eggs

Wed., June 8, 1988

Prices were unchanged Trade sentiment continued barely steady Cartoned egg movement was slow to moderate, best where featured Floor stocks were adequate with additional product readily available

PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR

A EXTRA LARGE 56-58, A LARGE 53-56, A MEDIUM 41-44

National Egg Market

Wed., June 8, 1988

Prices were unchanged The market tone was barely steady to steady Demand for cartoned eggs was slow to fairly good, mostly moderate Supplies of jumbos and extra large were short to adequate and the remaining sizes were at least adequate. Breakers continued to bid and purchase at lower prices from the readily available offerings of shell eggs News of a government purchase program supplied a bit of confidence to the spent hen market, but for the present, live supplies were adequate under a steady market tone

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Heinsey's Poultry

Roots, E. Petersburg

Tuesday, June 7, 1988

Muscovy Ducks, Drakes 1.70-1 92, Hens 1 60-1.72.
Pekin Ducks .60-.72
Pullets 5-7# .30-.44.
Red Fowl 4-4 5# .20-.34, 5-6# 38-54
Crossbred Roosters: 4-6# .25-52, 7-11# .30-.54
Crossbred Fowl 5-9# 25-52.
Banty Roosters 2 00-4 50 ea
Banty Hens 1 00-2 00 ea
Guinea Pigs 1.00-2.75 ea
Kid Goats 18 00-30 00 ea
Guinea Fowl 1.35-1 60
Geese 8-12# 20-32
Pigeons 1.25-1.75 ea.
White Pigeons 2 85-3 60 ea
Rabbits 4-6# .60-92, 7-11# 60-74
Leghorn Roosters .12-.20
Leghorn Hens .4-19
Bunnies .75-1.50 ea.
Doves 2 50-4 50 ea
Chukars 5 85-6.25 ea.
Silkies 5 00-7 50 ea
Total Coops Sold 1,084

Northeast Chicken Parts

Wed., June 8, 1988

Trading activity was easily sufficient to clear the light supply of most items Cutlets were barely adequate for a fair to good call Whole breasts remained short of an active call and buyers generally found higher bid prices futile Supplies of legs were in closer balance and higher prices paid Leg quarters were generally adequate and clearing better and the bulk of trading was at higher levels. Wings cleared easily under a good to very good demand

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M, PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES:

ITEM CURRENT NEGOTIATED TRADING BREASTS SKINNED BONELESS 235-240 RIBS ON 116-118 LINE RUN 115 LEGS 48-49 LEG QUARTERS 34-35 WINGS 52-53 BACKS & NECKS 11-12 LIVERS 10-15 GIZZARDS (HEARTS) 30

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island

PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES· CURRENT ITEM NEGOTIATED TRADING* WEIGHTED AVG.** VOLUME/LBS. BREASTS SKINNED BONELESS 235-240 243.15 111,600 RIBS ON 116-118 121.60 207,000 LINE RUN 115 117.47 54,000 LEGS 48-49 53.57 194,400 LEG QUARTERS 34-35 35.71 248,400 WINGS 52-53 53.30 181,800 BACKS & NECKS 11-12 12.00 7,200 LIVERS 10-15 15.00 7,200 GIZZARDS (HEARTS) 30 31.00 12,600

*TODAY'S NEGOTIATED SALES AS OF 11:30 A.M. **WEIGHTED AVERAGE PRICE OF ALL GRADES AND BRANDS OF PRODUCT SHIPPED, OR TO BE SHIPPED FROM PROCESSORS AS OF 2:00 P.M. DAY OF REPORT. (INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT AND RHODE ISLAND).

Eastern PA & NJ Poultry

Wed., June 8, 1988

Prices trended fractionally higher. The market tone improved somewhat encouraged by the news of a government purchase program Live supplies were usually adequate. Inventories remained heavy.

LIVE LIGHT TYPE HENS· AT FARM 2 1/2-3 1/2 MOSTLY 3.

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Weekly New York Egg Market Northeast Quotes

From Fri., June 3 to Thurs., June 9

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.68	68	68	.68	68
EX. LARGE	63	.63	63	63	63
LARGE	.58	.58	.58	58	58
MEDIUM	.46	.46	.46	46	.45
PULLETS	40	.40	.40	40	39
OFF GRADE	.46	46	46	46	46
BROWN					
EX. LARGE	.67	67	67	67	67
LARGE	62	.62	62	62	62
MEDIUM	.51	51	51	51	51
OFF GRADE					
UNDERGRADES AND CHECKS	22	.22	22	21	20

BREAKING STOCKS: 42 44 LBS FRI 23 00-25 00, THURS 21 00-22 00 48-50 LBS FRI. 30.00-32 00; TUES 30 00-31 00, WED 29 00 31 00, THURS 28 00-30 00 50 LBS UP FRI 33 00 34 00, TUES 31 00 33 00, WED 31 00-32 00; THURS 30 00-32 00.

Philadelphia Eggs

Thursday, June 9, 1988

Report Supplied by USDA

MARKET COMMENT: PRICES WERE UNCHANGED FOR THE LARGE SIZES AND UNCHANGED TO LOWER ON MEDIUMS. CARTONED EGG DEMAND WAS MOSTLY MODERATE, SOMEWHAT IMPROVED WHERE RETAIL FEATURES WERE SCHEDULED TO BEGIN. SUPPLIES OF EXTRA LARGE WERE GENERALLY ADEQUATE, WHILE LARGE AND MEDIUMS WERE ADEQUATE TO AMPLE THE UNDERTONE WAS CAUTIOUSLY STEADY

PRICES TO RETAILERS. SALES TO VOLUME BUYERS, CONSUMER GRADES WHITE EGGS IN CARTONS DELIVERED STORE DOOR

A EXTRA LARGE 54-.56, A LARGE 52-54, A MEDIUM .39-.42

Delmarva Broiler/Fryer

Wed., June 8, 1988

Demand for whole birds was good and exceeded available offerings in instances Parts remained short of needs with asking prices continuing to trend higher. Less than trucklot asking prices also trended higher at 58-71 cents. Live supplies were moderate with weights mostly desirable. Slaughter schedules were moderately heavy. The undertone was fully steady to firm.

ESTIMATED SLAUGHTER OF BROILER FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL ACTUAL AVERAGE WEIGHTS 6/08 6/01 6/06 6/06 5/30 1,953 1,992 1,852 4.65 Holiday

NEW YORK MULTIPLE DROP BROILER REPORT:

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 57-70 WEIGHTED AVERAGE 64.77 NO. OF BOXES 8,816

New Wilmington Livestock Auction

N. Wilmington, PA

Monday, June 6, 1988

CATTLE 193..PDA...Few Select holstein steers 62.50 and 64.75, Standard 58.00-63.50. Couple Select sl. heifers 63.50 and 64.00, few Standard 52.00-57.50. Breaking Utility & Commercial sl. cows 48 00-52, couple 54.00&54.25, yield grade 4-5, 45.00-48, Cutter & Boning Utility 46-50.75, Canner & Low Cutter 38.50-46.25, Shells down to 12 00. Yield Grade No. 1, 1200/1795 lbs sl bulls 55.00-62, one No. 2 1160 lbs. 53 00 Feeder Cattle: Few Medium & Large Frame No. 1, 340/680 lbs. steers 70.00-87.50. Medium Frame No. 1, 340/720 lbs. heifers 63.00-72.00. Few Medium Frame No 1, 415/650 lbs. bulls 63 50-70 00

CALVES 326...Few Choice vealers 107 50-110.00, few Good 100.00-108, Standard & Good 90/120 lbs 80 00-100, 65/85 lbs 70 00-84 00, Utility 50/70 lbs 40.00-60 00 Farm Calves Holstein Bulls 90/140 lbs 100 00-170, Hol. Heifers 90/125 lbs 105 00-115 00 Beef cross bulls & heifers 80/150 lbs. 100 00-180 00.

HOGS 480 US No 1-2 230/245 lbs barrows and gilts 49 50-50, (5 head 50 25,) 1-3 215/255 lbs 48.25-49 75, 2-3 225/260 lbs 46-48 25, 1-3 175/210 lbs 43-47 25 US No 1-3 330/535 lbs sows 35 00-38 00 Boars 30 00-34.00.

FEEDER PIGS 42 One Lot US No 1-3 40 lbs feeder pigs 43 00 --- per head

SHEEP 105 ..Choice & Prime 85/110 lbs spring slaughter lambs 65 00-71, few 60/80 lbs. 70 00-84 00 Slaughter ewes 10.00-28 00.

GOATS 5 ..Few Medium & Large 28 00-40.00 --- all per head.

New England Shell Eggs

Wed., June 8, 1988

Prices remained the same Trade sentiment was generally steady Cartoned egg demand was mostly moderate Supplies were adequate.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN

JUMBO 62-65, EX LARGE .48-51, LARGE 46-.49, MEDIUM 31-34, SMALL 11-.14

BOSTON· PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR

A EXTRA LARGE .67-69, A LARGE 65-67, A MEDIUM 50-52

New York & Phila. Frozen Eggs

Tuesday, June 7, 1988

The undertone was generally steady Buying activity was spotty Increased offerings of raw materials at increasingly competitive price levels helped to stabilize the current situation Most breakers easily maintained full schedules Floor stocks were in good balance to satisfy most current needs.

WHOLESALE SELLING PRICES (PER POUND IN 30 LB CONTAINERS) U.S D.A INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT) WHOLE 37-40 MOSTLY 38-39 41-46 BLENDS (/) - - 46-56 WHITES 29-30 MOSTLY 29 31-38 YOLKS (MIN. 43% SOLIDS) SUGARED 47-50 MOSTLY 48-49 50-58 SALTED 43-45 MOSTLY 43-44 - (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Hackettstown Poultry & Egg

Hackettstown, N.J.

Tuesday, June 7, 1988

Report Supplied by Auction

HEAVY FOWL .60-.75.
ROASTERS .50-.90.
PULLETS .90.
GEESE .65-.90.
ROOSTERS .55-1.00.
DUCKS .80-1.70.
RABBITS .50-1.50.
PIGEONS 1.40-1.85.
GUINEAS 1.85.

EGGS
GRADE A
WHITE

JUMBO X LGE. 58-.69; LARGE .18-.58; MEDIUM .15-.40; SMALL 12.

BROWN

JUMBO X LGE 65-.78, LARGE 52-.60, MEDIUM .27-.40; SMALL 13-.20.

New Holland Dairy

New Holland Sales Stables

Wednesday, June 8, 1988

Report supplied by auction

REPORTED RECEIPTS OF 116 COWS, 56 HEIFERS, AND 9 BULLS MARKET STEADY

LOAD OF CANADA FRESH COWS, 885.00-1250 00, SPRINGERS 910 00-1075.00

LOAD OF PA FRESH COWS, 985 00-1200 00

LOAD OF PERRY CO COWS, 975.00-1185 00

LOAD OF PA FRESH CO COWS, 835.00-1350 00

LOAD OF 46 COWS 560 00 1070 00

LOCALLY CONSIGNED COWS 620 00-1110.00

SPRINGING HEIFERS 700 00-1075.00.

OPEN HEIFERS 370.00-530.00

BULLS 590.00-980.00.

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JUNE 25, 1988
11 AM to 2 PM

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DAM: PENN GATE		ELEVATION	FLASHIE	3E-91
3-1	365	23,115	4.4	1017
4-6	365	26,304	4.5	1181
5-9	365	29,947	4.2	1254
7-1	365	32,412	4.3	1382

DTR: PENN GATE ENHANCERS FASHION VG-86

Cow Index	+$163	CFP Index	+92 Lbs.
2-2	316	19,250	4.1	780

MAY 1988 - DHIA TEST RESULTS
16 Cows Over 100 lbs. Milk - 56 Cows On Test

	AGE	DAYS IN MILK	MILK	TEST
CP ABBEY	3-3	146	130.5	2.8
T. BELL	4-9	43	127.0	3.9
TEEN	6-11	55	127.0	3.3
85	6-1	134	126.0	4.5
FLASHIE	8-9	148	118.0	4.0
ALICE	6-4	40	110.5	3.0
TAFFY	5-2	105	109.0	4.9
TESSIE	4-9	119	108.0	3.8
FASHION	3-2	48	106.0	3.9
P. ABBEY	6-4	155	105.0	2.9
25	8-7	41	104.5	3.7
FLORIS	4-10	53	103.5	3.5
E ABBEY	4-9	53	102.5	3.4
43	4-1	279	102.5	3.4
TIPSY	5-5	119	101.5	3.3
DONNA	5-6	16	100.5	4.0

ROLLING HERD AVERAGE

JUNE	1988	RHA 72 COWS	20,139M	758F	3.8%
MAY	1987	RHA 77 COWS	18,300M	671F	3.7%
MAY	1986	RHA 75 COWS	16,843M	612F	3.6%

FORAGE PROGRAM

10 Lbs. Alfalfa Hay
5 Lbs. Grass Hay
30 Lbs. Corn Silage

2-FEED DAIRY PROGRAM

Base Feed:
#508 Pennfield 16% Dairy Flake

High Producer Top Feed
#578 Pennfield 18% Maximum Density

June is dairy month

1988 Farm Show Junior & Reserve Junior Championship and Premier Breeder Award!

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HAY MARKETS

Pa. Grain

Monday, June 6, 1988
Report supplied by PDA

COMPARED WITH LAST TUESDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA.: CORN STEADY TO .10 HIGHER; WHEAT AND BARLEY STEADY TO .15 HIGHER; OATS STEADY TO WEAK; SOYBEANS MOSTLY STEADY TO .50 HIGHER; EAR CORN STEADY, SPOTS $1 HIGHER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.25-2.65, AVERAGE 2.52, *CONTRACT FOR HARVEST 2.55-2.71; @WHEAT NO. 2 RANGE 2.90-3.58, AVERAGE 3 34, *CONTRACT FOR HARVEST 3.45-3.63, BARLEY NO. 3 RANGE 1.50-1.95, AVERAGE 1.87, *CONTRACT FOR HARVEST 1.65-1.80; OATS NO. 2 RANGE 1.85-2.00, AVERAGE 1.92, *CONTRACT FOR HARVEST 1.45-1.70, SOYBEANS NO. 1 RANGE 7.25-8 50, AVERAGE 8.14, *CONTRACT FOR HARVEST 8.00-8.39; *GR. SORGHUM #2 RANGE 2.20, AVERAGE 2.20, *CONTRACT FOR HARVEST 2.00; *+BUCKWHEAT *CONTRACT FOR HARVEST 8.40; EAR CORN RANGE 66.00-82.00, AVERAGE 71.23.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.35-2.50, FEW REPORTED 2.65, AVERAGE 2.48; @WHEAT NO. 2 RANGE 2.60-3.40, AVERAGE 2.96; BARLEY NO. 3 RANGE 1.20-2.20, MOSTLY 1.40-1.85, AVERAGE 1.59; OATS NO. 2 RANGE 1.70-2.10, AVERAGE 1.92; SOYBEANS NO. 1 RANGE 8.15*, AVERAGE 8.15; EAR CORN RANGE 60.00-78.00, AVERAGE 70.43.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.00-2.40, AVERAGE 2.24; @WHEAT NO. 2 RANGE 2.40-3.20, AVERAGE 2.85; BARLEY NO. 3 RANGE 1.60-1.65, AVERAGE 1.63; OATS NO. 2 RANGE 1.90-2.15, FEW REPORTED 1.60, AVERAGE 1.96; *SOYBEANS NO. 1 RANGE 8.10, AVERAGE 8.10; EAR CORN RANGE 65.00 FEW REPORTED, AVERAGE 65.00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO 2-Y RANGE 2 30-2.65, AVERAGE 2 47; @WHEAT NO. 2-Y RANGE 2 60-3.50, AVERAGE 3 09, BARLEY NO. 3 RANGE 1 30-1.95, AVERAGE 1 66; OATS NO. 2 RANGE 1.70-2.10, AVERAGE 1.88, SOYBEANS NO. 1 RANGE 7.25-8.50, AVERAGE 7.98; EAR CORN RANGE 60 00-80 00, AVERAGE 68.97.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y 2.30-2.45, AVERAGE 2 40; @WHEAT NO. 2 2.40-3.50, AVERAGE 2.95, MOSTLY 2.80-3.10, BARLEY NO. 3 1.30-1.75, AVERAGE 1.48; OATS NO. 2 1 70-1.95, AVERAGE 1 83, SOYBEANS NO 1 7.30-8 25, AVERAGE 7.76, *GR SORGHUM #2 2 00, AVERAGE 2 00; EAR CORN 60 00-70 00, AVERAGE 64 56

MONTH AGO

CORN NO. 2-Y RANGE 2 31, @WHEAT NO. 2-Y RANGE 2.90, BARLEY NO 3 RANGE 1.67; OATS NO. 2 RANGE 1.92; SOYBEANS NO 1 RANGE 6 78, EAR CORN 66.90

YEAR AGO

CORN NO. 2-Y AVERAGE 1.90, @WHEAT NO. 2-Y 2.66, BARLEY NO 3 AVERAGE 1 37; OATS NO 2 AVERAGE 1.71; SOYBEANS NO. 1 AVERAGE 5.45; EAR CORN AVERAGE 55.45

Regional Hay

June 3, 1988
Eastern, Pa.
On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (ALL HAY NO. 2 & BETTER PRICES PAID BY DEALERS AT THE FARM & PER TON.) HAY & STRAW MOSTLY STEADY. MOVEMENT SLOW, SOME NEW HAY.

ALFALFA 65.00-110.00, FEW NEW 50-90.00; MIXED HAY 50.00-80.00, FEW NEW 60-90.00; TIMOTHY 50.00-75.00, FEW 85.00; STRAW 45.00-75.00; MULCH 25.00-40.00.

LANCASTER CO. HAY AUCTIONS

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 6/3/88. PRICES PER TON: LOADS: 84 HAY, 36 STRAW, AND 25 EAR CORN.

ALFALFA 65.00-133.00; MIXED HAY 46.00-87.00; TIMOTHY 77.00-130.00 FEW REPORTED; STRAW 53.00-90.00; EAR CORN 72.00-99.00

CENTRAL PA. HAY AUCTIONS

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 6/3/88. PRICES PER TON: LOADS: 36 HAY, 5 STRAW AND 3 EAR CORN.

ALFALFA 55.00-100.00 FEW REPORTED; MIXED HAY 35.00-95.00; TIMOTHY 60.00-85.00 FEW REPORTED; STRAW 55.00-67.50 FEW REPORTED; EAR CORN 80.00-85.00 FEW REPORTED.

Dewart Hay

Dewart, PA.
Monday, June 6, 1988
Report Supplied by Auction

MIXED HAY: 1 AT 85.00.
OATS: 200 BU. AT 1.82.
STRAW: 1 AT 70.00.
WOOD: 1 AT 31.00.

New Holland Hay

New Holland, PA
Monday, June 6
Report Supplied by Auction

TOTAL LOADS: 77.
ALFALFA: 90.00-142.00.
MIXED HAY: 64.00-103.00, 2 AT 121.00.
TIMOTHY: 50.00-79.00, 1 AT 90.00 AND 1 AT 100.00.
ORCHARD GRASS: 45 00-81.00.
OATS: 2.35 BU.
EAR CORN: 84.00-96.00
STRAW: 59.00-97.00.

Green Dragon Hay

Ephrata, Pa.
Friday, June 3, 1988
Report Supplied by Auction

TOTAL LOADS: 70.
ALFALFA: 63.00-150.00.
MIXED HAY: 39.00-101.00.
TIMOTHY: 79.00-86.00.
ORCHARD GRASS: 51.00-65.00.
OATS: 2.40-2.65 BU.
EAR CORN: 83.00-92.00.
STRAW: 53.00-76.00.

HOSTETTER PORK

Wanted To Buy Crippled and Disabled Sows and Boars

Hogs Slaughtered For Federal Inspection

PHONE 717-274-7609

Seeking Profits In Commodities Trading?

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- Speculating
- Managed Account
- Commodity Options

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Commodities Investment Executive,
At (717) 295-8914

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LEHMAN HUTTON
29 E. King St.
Lancaster, PA 17603

SHEARSON LEHMAN HUTTON
A American Express company

HERE TO STAY!

MAKE 1988 THE YEAR TO GET ACQUAINTED WITH NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE

7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

DAIRY **11:00 A.M.** COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
717-354-4341

Mgr. - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538

Field Representatives
Alan Diffenbach 717-354-3297
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

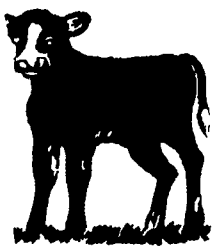
THURSDAY
10:00 AM

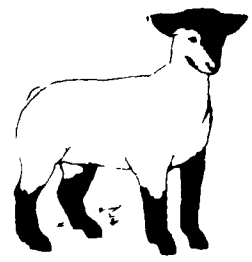
BULLS -

STEERS -
BEEF COWS

1:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

National Grain Market

St. Joseph, MO
Wed., June 8, 1988

CASH GRAIN AND SOYBEAN PRICES LOWER IN A REACTION TO RECENT UPTURNS. WIDELY SCATTERED SHOWERS DID VERY LITTLE TO ALLEVIATE DROUGHT CONDITIONS OVER THE NATION BUT GRAIN PRICES BACKED UP. RECENT PRICE UPTURNS FAILED TO FLOOD ELEVATORS WITH COUNTRY MOVEMENT OF GRAIN TO MARKET AS MOST OFFERINGS IN STRONG HANDS.

EXPORT NEWS: THE JAPANESE FOOD AGENCY BOUGHT 57,100 TONNES U.S. WHEAT FOR AUG SHIPMENT. ZAIRE WILL TENDER MONDAY UNDER PL480 ON UP TO 25,000 TONNES OF NO. 2 OR BETTER HARD RED WINTER WHEAT OR NORTHERN/DARK NORTHERN SPRING WHEAT FOR JULY DELIVERY. JAPAN BOUGHT 114,800 METRIC TONS OF CORN FOR 87 THRU 89 MARKETING YEAR. DECLARATION OF SOURCES OTHER THAN THE U.S. OF 20,000 TONNES OF SOYBEAN OIL TO INDIA FOR 87/88.

DATE CHANGE YEAR AGO 06/08/88 06/07/88 06/10/87 WHEAT: KANSAS CITY 3.61-3.66 DN 9 2.65-2.68 MINNEAPOLIS 4.20 1/2 UP 15 3.02 PORTLAND 3.73-3.79 DN 5 2.80-2.83 ST. LOUIS 3 51-3.55 DN 9 2.59-2.62

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.37-2.43 DN 12-10 1.81-1.85 MINNEAPOLIS 2.32 DN 3 1/4 1.73 SO. IOWA 2.37-2.40 DN 4-4 1/2 1.80-1.81 OMAHA 2.26-2.29 UP 7-6 1 74-1.75

SOYBEANS, NO. 1 YELLOW. KANSAS CITY 8.29-8.34 DN 23-21 5.58-5.63 MINNEAPOLIS 8.28 1/2 DN 18 1/2 5.52 1/4 SO. IOWA 8.29-8.35 DN 19-20 5 59-5.61 C. ILL. PROCESSORS 8.39 1/2-8.50 1/2 DN 19 1/2-21 1/2 5.64 1/2-5.70 1/2

*KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 2 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (JUL) WHEAT 3.67 1/4 DN 8 3/4 2.64 1/2

MINNEAPOLIS (JUL) WHEAT 3.95 1/2 UP 10 2.64

CHICAGO (JUL) WHEAT 3.69 3/4 DN 8 1/4 2.66 1/4

(JUL) CORN 2.51 DN 6 1/4 1.85

(JUL) SOYBEANS 8.60 1/2 DN 21 1/2 5.60 1/4

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO.1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3.97-4.01 DN 11-10 2.94 1/2-2 98 1/2 NO 2 SOFT RED WINTER WHEAT 3.76-3.80 DN 6-3 2 80-2.81 NO.2 YELLOW CORN 2 60-2.63 DN 4-3 1.99 3/4-2 00 NO 2 YELLOW SORGHUM RAIL 4.36 DN 12 BARGE 4.41 DN 13 3.38-3 39 NO 2 YELLOW SOYBEANS 8 58-8 62 DN 16-14 5 82-5.88

Keister's Hay

Middleburg, PA
Tuesday, June 7
Report supplied by auction

TOTAL LOADS: 8 LDS. MIXED HAY, 77.50-117.50.
OATS: 1.95-2 00 BU.
EAR CORN: 2 AT 87.50 & 90.00
STRAW: 2 AT 85 00 & 87.50.

Belleville Hay

Wednesday, June 8
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 10 LDS. HAY.
MIXED HAY: 55.00-92.50.
STRAW: 3 AT 47.50-62.50.

Westminster Hay

Westminster, Md.
Tuesday, June 7, 1988
Report Supplied by Auction

TOTAL LOADS: 13
ALFALFA: (NEW) 68.00-78 00.
ALFALFA MIX· (NEW) 73.00, 1.45 BALE.
MIXED HAY: (OLD & ROUGH) 55 BALE.
TIMOTHY (NEW) 73 00.
ORCHARD GRASS: (NEW) 63 00, 1 30 BALE; (OLD) .60 BALE
MEADOW GRASS: 54 00
OAT: 1 20 BALE.

Good's Hay

Leola, Pa.
Wed., June 8, 1988
Report Supplied by Auction

TOTAL LOADS: 60.
ALFALFA: 57.00-133.00, (NEW) 57.00-88.00.
MIXED HAY: 52.00-108.00.
TIMOTHY: 81.00-110.00.
ORCHARD GRASS: 56.00 AND 73.00.
EAR CORN: 86.00-100 00.
MULCH HAY: 22.00-28.00
STRAW: 45.00-90.00.

Leinbach's Hay

Shippensburg, PA
June 4 & 7
Report supplied by Auction

TOTAL LOADS: 22.
ALFALFA: 65.00-70.00.
MIXED HAY: 40.00-70.00.
TIMOTHY. 39.00-61.00.
GRASS: 45.00-51.00.
STRAW: 40.00-95.00.
MULCH: 30 00-37 00.

New Wilmington Hay

New Wilmington, PA.
Friday, June 3, 1988
Report Supplied by Auction

TOTAL LOADS: 18.
ALFALFA: 1 AT 61.00.
MIXED HAY: 55.00-70.00, FEW AT 35.00.
TIMOTHY: 25.00-45.00.
OATS: 7 AT 1.50-2.00 BU.
EAR CORN: 60.00-74.00.
GRASS: 1 AT 32.00.
STRAW: 7 AT 52.50-67.50.

North Jersey Market

Hackettstown, N.J.
Tues., June 7, 1988
Hay—Straw & Grain Report

GRASS HAY 1.25.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, June 7, 1988
Report supplied by auction

SLAUGHTER COWS: HIGH YIELD 51.00-53.00; UTILITY 47.00-51.00; CANNERS 44.00-47.00; SHELLY 44.00-DOWN. BULLS- 59.00-60.00. FED STEERS- SELECT HOLSTEINS 1400-1600 LBS. 58.00-60.00; STAND HOLSTEINS 52.00-57.00. VEAL CALVES- CHOICE 200-325 LBS 98.00-110.00; KILLERS 80-100 LBS 93.00-100.00; 50-80 LBS 85.00-95.00. FARM CALVES- HOLSTEIN BULLS 125-135 LBS. 102.00-112.00, 95-120 LBS. 110.00-126.00; 90-95 LBS. 100.00-120.00. BEEF X BULLS 111.00-124.00. BUTCHER HOGS- #3 48.00-49 00. US #1&3 215-240 LBS. 49.00-50.00; 240-260 LBS. 48.50-49.25; 195-210 LBS. TO 48.50. SOWS- 350-500 LBS. 33.00-36.00; 500-650 LBS. 25.00-36.75. BOARS- 400-750 LBS. 28.75-29.75; THIN OR FAT 27.00-28.00.

STOCK CATTLE: STEERS- 300-500 LBS. HOLSTEIN X 72.00-83.00, 500-700 LBS. 68.00-75.00; 700-900 LBS. 70.00-72 00. HEIFERS- 300-400 LBS. 78.00-83.00; 500-700 LBS. 62.00-72.00; 700-1000 LBS. MD. HOLSTEINS 48.00-58.50. BULLS- 300-400 LBS. 71.00-86.00; 500-700 LBS. 69.00-72.00; (1) 910 LB. AT 58.00. LAMBS- 25-60 LBS. 73.00-83.00 FEW 97.50; 70-90 LBS. 60.00-68.00 FEW 100-115 LBS. 64.00. SHEEP- 100-150 LBS. 20.00-33.00; 150-250 LBS. 19.00. GOATS- LG. 70.00-78.00; MD. 38.00-48 00; SM. 20.00-35.00. PIGS AND SHOATS: BY THE HEAD- 20-30 LBS. 22.00-36.00; 30-40 LBS. 27.00-35.00; 60-75 LBS. 38.00-46.00; 80-100 LBS. 50.00-54.00. BY THE LB- 150-200 LBS. 46.00-47.50; STOCK BOARS 190-250 LBS. 28.00-34.00; BRED SOWS 300-320 LBS. 36.50-39.25.

Peoria Cattle

Peoria, Ill.
Thurs., June 9, 1988

CHOICE SLAUGHTER STEERS AND HEIFERS THROUGH WEDNESDAY STEADY TO .50 HIGHER COMPARED WITH MONDAY OF THE PREVIOUS WEEK. SELECT OR MIXED SELECT LOW CHOICE OFFERINGS WEAK TO .50 LOWER. COWS AND BULLS STEADY ON MONDAY AND NOT WELL TESTED IN LATE TRADING. STEERS AND HEIFER RECEIPTS MOSTLY SELECT AND AVERAGE CHOICE. COWS ONLY ABOUT 4% RECEIPTS THIS WEEK ABOUT 1600 AS COMPARED WITH 980 A WEEK AGO AND 1314 A YEAR AGO.

SLAUGHTER CLASSES: STEERS: CHOICE 2-4, MOSTLY 3 1050-1300 LBS. 74.00-75.00 FEW 75.25-75.50 950-1000 LBS. 72.00-74.00 SELECT & CHOICE 2-3 1000-1200 LBS. 69.00-73 00 SELECT 2-3 1000-1150 LBS. 67 00-69.00

HEIFERS· CHOICE 2-4, MOSTLY 3 900-1100 LBS. MOSTLY 72.00-74.00 FEW 74.50 800-900 LBS. 68.00-71.00 SELECT & CHOICE 2-3 900-1100 LBS. 67.50-71.00 SELECT 2-3 850-1000 LBS. 64.00-67.00

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 45 00-46 50 CUTTER AND BONING UTILITY 1-2 47.00-49.00

BULLS: YG 1-2 1500-1800 LBS. 58.00-62.00 1200-1500 LBS. 56 00-61.00.

MARKET YOUR FORMULA FED

CALVES

WITH AREA PACKER

Domenic Venuto, Inc.
622 Federal Street
Philadelphia, PA 19147
215-339-9921
or 215-467-9614
or 215-389-VEAL

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Cows, Steers & Bulls For Slaughter Under USDA Inspection

—Call Wayne Taylor—
717-866-6289
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Lebanon, Berks, Lancaster & Chester Counties

KING'S AUCTION
KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford corner of Rt. 472 and Noble Road at Rouse Tobacco Station.
Lloyd H. Kreider, Auctioneer
AU-000513L
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

HAY & STRAW SALE
12 Noon Every Wednesday
CHANGE OF LOCATION STARTING MAY 25
Located Gum Tree area. Going south on 41, at Cochranville turn left, one block turn right, go about 5 mi. on the right hand side. Watch for sale signs.
Harvey Z. Martin
215-383-6686 (Office)
215-445-5303 (Residence)

Wanted:
Donations of farm animals for new demonstration farm. All types, breeds considered. Must be in good health & have good temperament. Contact
Chester County Parks & Recreation Department
215-431-6415

PLEASE NOTE!
Change of Location to Home Farm On Hill Rd.

FRIDAY, JULY 1 - 1:00 PM
ON THE FARM MONTHLY

BRED GILT SALE

Sale To Start Promptly Every 4 Weeks

Located 4 miles east of former location, 1 mile off 472 midway between Quarryville & Oxford, PA, 1 mile south of Kirkwood, turn west off 472 at Union Church (Street Rd.) 1 mile to crossroad turn left, 2nd farm on right. Hill Road. Watch for sale signs.

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55

50 to 60 Head

We will no longer have White Diamonds, it will be the next generation or F2's crossbred to Chester White. Very nice gilts.

Vaccinated for Lepto, Erysipias, Rhinitis, E'Coli, Pasteuralla

Hand mated with Breeding Dates
Local Truck Available
No Hogs Sold On Commission

JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa.
Abe Diffenbach, Auctioneer AU225L
NEXT SALE FRI., JULY 29, 1:00 P.M.

ATTENTION FARMERS

EVERY MONDAY
HATFIELD PACKING CO. and
MOYER PACKING CO.
Will Receive Your
Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

SPRAY MATERIALS

* ATRAZINE	* BLADEX	* EXTRAZINE
* DUAL	* BANVEL	* FURADAN
* LASSO	* LOROX	* COUNTER
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* ROUND UP	* PRINCEP	* DYFONATE
* LASSO-ATRAZINE		ETC.

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MELVIN R. WEAVER
2213 Leabrook Road, Lancaster, PA 17601
Ph: 717-569-6576 or 898-8354

THE OLD FARMER'S ALMANAC

June 13-19, 1988

If you forgot about hot, fear not!

New moon June 14 (Tues) Flag Day June 14 Vulcanized rubber patented by Charles Goodyear June 15, 1844 Benjamin Franklin flew a kite and a key in a thunderstorm June 15, 1752 Lieutenant Valentina Tereshkova became the first woman cosmonaut June 16, 1963 Beatle Paul McCartney born June 18 1942 Father's Day June 19 (Sun) Average length of days for the week 15 hours, 16 minutes *He who tells his wife news is but newly married*

Ask the Old Farmer: How early did the widows walk appear on houses in this country? G R, Orono, Maine

The railed-in platform that some folks call a widow's walk developed from the roof scuttle which was necessary because fires were common This would date from the time that they put the chimneys in the middle of the house instead of at one end close to 300 years ago

Home Hints. Plant seeds now for a fall crop of broccoli cabbage and cauliflower

OLD FARMER'S WEATHER FORECAST

New England: Week begins with showers, midweek rain, end of week sunny and very warm

Greater New York-New Jersey: Beginning of week clear and mild, midweek rainy and hot, end of week sunny and hot

Middle Atlantic Coastal: Beginning through midweek rainy and hot, end of week sunny and hot, showers possible

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Leesport Livestock Auction

Leesport, PA

Wed., June 8, 1988

CATTLE 234 .PDA Supply included 17 head feeder cattle . Compared to last Wednesday's market. Slaughter steers steady to .75 lower; Cows $1 to $2 50 lower. Few Choice 975/1300 lbs sl steers 71.25-74 50, one 77 75, Select 68 00-73 25, Select & Choice 1150/1500 lbs. holsteins 63-68 25, one 68.75, Standard 58-66.75. Few Choice sl. heifers 65-69 75, few Select 60-65 50, few Standard 54.25-56.00. Breaking Utility & Commercial sl. cows 49.00-52.25, one 53.75, few Low dressing 46.85-48.50, Cutter & Bon. Utility 47.75-52 85, few 55.00, Canner & Low Cutter 45 75-49.75. Select & Choice sl. bullocks 62.50-65.35, few Choice 68.50, few Standard 60.25-63.75. Few Yield Grade No. 1, 1450/1840 lbs sl bulls 62.00-67.25.

CALVES 146.. Vealers $4 to $5 lower One Choice 126 00, few Good 98 00-110, Standard and Good 90/115 lbs 90 00-102 50, few 70/90 lbs 80.00-90 00, few Utility 65/70 lbs 65 00-75 00 Farm Calves Few Holstein Bulls 130/140 lbs 104 00-115, 90/125 lbs 120 00-128 00, some 101 00, few 85/90 lbs 94.00-105 00; Hol. Heifers 95/125 lbs. 110 00-137 50, few 90/95 lbs 100.00-105 00 Few Beef cross bulls & heifers 95/130 lbs. 122 00-147 50; few Good & Choice 350/500 lbs slaughter calves 76 00-90 00

HOGS 436 .Barrows and Gilts 50 to $1 lower. US No. 1-2 215/235 lbs. 53 25-54.25, 1-3 205/255 lbs. 51.25-54.50, mostly 52.10-53, 2-3 215/275 lbs 50-52.10, few 1-3 135/195 lbs 45.75-49.00. Sows steady to $1 higher. US No. 1-3 285/520 lbs. sows 34.00-39, few 42.00. Few Boars 28.00-30.00, few light weights 34.00-42.00.

FEEDER PIGS 300...Few US No. 1-3 15/20 lbs. feeder pigs 17.50-23, few 20/25 lbs. 122.50-135, 25/45 lbs. 87 00-101.00 --- all per hundredweight.

SHEEP 54. .Choice & Prime 70/115 lbs. spring slaughter lambs 66.00-71, few 40/60 lbs. 79.00-114, few Good & Choice 35/55 lbs. 65 00-79.00; few Good & Choice 25/70 lbs. feeder lambs 75 00-85 00 Slaughter ewes 17.00-31 00.

GOATS 12...Few Large Adult 42.50-52 50, one 70 00, few Large Kids 25 00-35 00 --- all per head

Carlisle Livestock Market

Carlisle, Pa.

Tuesday, June 7, 1988

CATTLE STEERS· ACTIVE & MOSTLY STEADY CHOICE 74 50-77 00, GOOD-LOW CHOICE 68 50-74.00 HOLSTEINS· CHOICE 67 00-71 00, GOOD 64 75-66 00, MEDIUM 59 25-61 00

HEIFERS: CHOICE (900-1050 LBS) 70 75-71 75, GOOD 68 50-70 50, COUPLE MEDIUM 66 00 & DOWN COWS ACTIVE HIGH YIELD 53 25-54 35, GOOD 48 00-53.00, MEDIUM 46 00-50 00, BIG MIDDLE 46 00-49 75, SHELLY 45.00 & DOWN FAT BULLS MEDIUM-GOOD 57 10-61.00.

FEEDER CATTLE STEERS (300-550 LBS) CHOICE 85 00-92.00, GOOD 78.00-84 00, MEDIUM 68.00-75 00 STEERS (600-950 LBS) MOSTLY HOLSTEINS OFFERED MEDIUM GOOD 68 00-79 00. HEIFERS (ALL WEIGHTS) MOSTLY HEAVIES OFFERED. GOOD 69.00-74.00, MEDIUM 64.00-68.00 BULLS (ALL WEIGHTS) GOOD 73.00-76 00

VEAL CALVES· DEMAND FOR FARM CALVES WEAKER CHOICE 114 00-120 00, GOOD 105 00-113 00, MEDIUM 95 00-104 00, LIGHT/WEAK 93 00 & DOWN. FARM BULLS 120 00-132 00, FARM HEIFERS 120 00-144 00

HOGS. BARROWS & GILTS: STEADY. US NO. 1-3 210-250 LBS 50 50-51.00, OVER 260 LBS. 46.50-50.00, 2 & 3'S 49.75 & DOWN.

SOWS: (350-650 LBS.) US NO 1-3 34 00-37.50, US NO. 2&3'S 29.00-33.75.

BOARS: HEAVY 28.50-29.25, UNDER 300 LBS. 32 00-37.00.

FEEDER PIGS: (BY THE HD.) ACTIVE! (LOT 25 LBS. 26 00) (30-40 LBS. 32.00-41.00) (40-50 LBS. 41.00-45.00). SHOATS: (BY THE LB) 1 LOT 56 LBS 97.00.

SHEEP LAMBS (ALL WEIGHTS) CHOICE 72.00-78.00, GOOD 64 00-71.00, MED HEAVIES 55.00-63 00.

EWES: MOSTLY 23 00-30 00 GOATS (LG) 55 00-87.00 (HD), SM /MED 19 00-46.00 (HD.), FAMILY'S 70 00-100 00 (HD.).

NOTE: SALE EVERY TUESDAY EVENING 5 30PM RABBITS, POULTRY & EGGS, 7.00PM LIVESTOCK

Belleville Livestock Auction

Belleville, PA

Wed., June 8, 1988

CATTLE 117...PDA Compared with last week's market. Slaughter cows $1.75 to $2 lower Few Select holstein steers 61 00-65 25. Breaking Utility and Commercial slaughter cows 46 50-51 10, couple 53 10, Cutter and Boning Utility 45 00-50 25, Canner and Low Cutter 40 0-44.50, Shells down to 36 00. Few Yield Grade No 1, 1025/1865 lbs sl bulls 57.00-61.35. Few Medium Frame No 1, 350/500 lbs. steers 69 50-82.00.

CALVES 120...Stanard and Good 70/95 lbs. vealers 91 00-102 00, few Utility 60/80 lbs 69.00-85 00 Farm Calves Holstein Bulls 90/130 lbs. 105 00-140 00; one Hol Heifer 120 lbs at 140 00

HOGS 66.. Barrows and gilts $1 50 lower. US No 1-2 200/250 lbs 52.00-53 00, lot 2-3 285 lbs. 48 00. US No. 1-3 300/575 lbs. sows 31 00-36 25.

FEEDER PIGS 279. .US No 1-3 30/45 lbs. feeder pigs 28 00-32 50, 50/65 lbs 36.00-43.00, 75/125 lbs. 47 00-56, one lot 175 lbs. 64.00 --- all per head.

SHEEP 47 .Choice 40/100 lbs spring slaughter lambs 67.00-77 00. Slaughter ewes 14.00-30.00

GOATS 21...Few Large 29 00-41 00, Kids 9.00-20 00 -- all per head. HOLSTEIN DAIRY COWS $620 00-$1150 00 --- PER HEAD

Mercer Livestock Auction

Mercer, PA

Tuesday, June 7, 1988

CATTLE 261...PDA...Compared with last Tuesday's market: Slaughter steers $1 to $1.50 higher; Cows $1.50 to $2 higher. Few High Choice sl. steers 76.75-78.35, Choice 72.00-77, High yielding 76-78.10, Select 66.50-72.50, Standard 60.00-66, few Utility 54.00-58.00. Choice sl. heifers 69.00-75.25, Select 64.50-69.50, few Standard 57.00-62, few Utility 50 00-56.00. Breaking Utility & Commercial sl. cows 49.50-55.10, Cutter & Boning Utility 47.50-51, Canner & Low Cutter 40.00-47.50, Shells down to 28 00 Yield Grade No 1, 1100/1700 lbs sl. bulls 58.00-72, No. 2, 950/1400 lbs 50 00-56.75. Feeder Cattle· Few Medium & Large Frame No 1, 340/600 lbs. steers 72 00-83.00, Large #2, 400/550 lbs 59 00-63.50. Few Medium Frame No 1, 500/700 lbs heifers 65.00-71 00 Few Large Frame No. 2, 500/600 lbs bulls 57 00-67 50.

CALVES 143 Few Good vealers 89 00-99 00, Standard and Good 90/120 lbs 88

00-105, 60/85 lbs. 78.00-90, few Utility 50/80 lbs. 60.00-80.00 Farm Calves: Holstein Bulls 90/125 lbs. 102.00-167 00, few Hol Heifers 85/120 lbs. 100.00-135 00

HOGS 222 .Barrows and gilts 50 to mostly $1 higher US No 1-2 218/255 lbs 52.00-53.85, 1-3 220/260 lbs 50-52 10, 2-3 203/268 lbs 48-48 50. Few US No 2-3 350/500 lbs sows 33.00-35 00 Few Boars 27 00-33.00.

FEEDER PIGS 7 . Few US No. 1-3 25/35 lbs. feeder pigs 27.00-39 00 - per head.

SHEEP 4...Few Slaughter sheep 12.00-20.00.

GOATS 0...No Market Test

Dewart Livestock Auction

Dewart, PA

Monday, June 6, 1988

CATTLE 109.. PDA...Few Choice 1235/1700 lbs. slaughter steers 74.25-77.50, Choice & Prime holsteins 65.50-68 75. Couple Choice sl. heifers 67.50&69.25, few Select 59 75-65 00 Breaking Utility & Commercial sl cows 46.00-51, Cutter & Bon. Utility 46.00-51.75, Canner & Low Cutter 43.00-46.50, Shells down to 40.00 Few Yield Grade No 1, 1100/1835 lbs sl bulls 58.00-65.25.

CALVES 236 ..Few Choice vealers 112.50-125.00, few Good 100.00-105, Standard and Good 70/95 lbs. 88.00-100, Utility 60/80 lbs. 80.00-9.00. Farm Calves: Holstein Bulls 90/140 lbs 105.00-170.00; Hol. Heifers 90/125 lbs. 105.00-135 00

HOGS 37...Few Lots US No. 1-3 200/265 lbs. barrows and gilts 50 25-52 70 One US No. 1-3 325 lbs. sows 37 50 Few Boars 28.50-30.00.

FEEDER PIGS 136...US No. 1-3 30/50 lbs. feeder pigs 28.00-38.00, one lot 60 lbs. 39.00 --- all per head.

SHEEP 17.. Good and Choice 40/105 lbs. spring slaughter lambs 61 00-71 00. Few slaughter ewes 20.00-24.00.

GOATS 0...No Market Test.

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Livestock market and auction news

VIRGINIA MARKETS

Virginia Weekly
Richmond, VA
Thurs., June 9, 1988

MARKETS IN REVIEW; JUNE 2-8, 1988. FEEDER STEERS AND HEIFERS IN VIRGINIA LAST WEEK WERE $1.00-3.00 LOWER WHILE MIDWEST PRICES WERE 50 CENT TO $3.50 HIGHER.

SLAUGHTER STEERS AND HEIFERS IN VIRGINIA WERE $1.25-2.75 HIGHER LAST WEEK AS MIDWEST PRICES WERE 50 CENT HIGHER. THE BOXED BEEF CUT-OUT VALUE ON TUESDAY WAS $115.96, DOWN $1.10 FROM LAST TUESDAY.

COWS AND BULLS AT VIRGINIA AUCTIONS WERE MOSTLY $1.00-3.00 LOWER WHILE MIDWEST PRICES WERE $1.00 HIGHER. BEEF PRODUCTION WAS 19 PERCENT LOWER THAN A WEEK AGO AND 16 PERCENT LOWER THAN LAST YEAR. AVERAGE DRESSED WEIGHTS WERE 15 POUNDS HEAVIER THAN LAST YEAR.

VEAL AND CALF PRICES IN VIRGINIA LAST WEEK WERE STEADY AS MIDWEST PRICES WERE $2.00 LOWER. VEAL AND CALF SLAUGHTER WAS 13 PERCENT BELOW A WEEK AGO AND 25 PERCENT BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 12 POUNDS HEAVIER THAN LAST YEAR.

LAMBS PRICES AT VIRGINIA AUCTIONS LAST WEEK WERE STEADY TO $6.00 LOWER WHILE MIDWEST PRICES WERE $2.00-4.00 LOWER. SLAUGHTER WAS 17 PERCENT BELOW LAST WEEK AND 13 PERCENT BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 6 POUNDS HEAVIER THAN LAST YEAR.

SLAUGHTER HOGS IN VIRGINIA WERE MOSTLY $1.00-1.25 LOWER AS MIDWEST PRICES WERE 25-75 CENT LOWER. FRESH PORK PRICES WERE 50 CENT TO $10 00 LOWER LAST WEEK. PORK PRODUCTION WAS 14 PERCENT BELOW A WEEK AGO AND 4 PERCENT BELOW LAST YEAR AVERAGE DRESSED WEIGHTS WERE 2 POUNDS HEAVIER THAN LAST YEAR.

THE RICHMOND HOG MARKET CLOSED 50 CENT TO $1.00 LOWER LAST TUESDAY WITH BARROWS AND GILTS US 1-4 200-240 LBS AT $47.00-48.00 PER CWT.

THE SOUTHEAST VIRGINIA HOG MARKET CLOSED $1.00-1.50 LOWER THAN LAST WEDNESDAY WITH BARROWS AND GILTS US 1-4 200-240 LBS AT $48.50-49.50 PER CWT.

AT HARRISONBURG, LYNCHBURG AND TAPPAHANNOCK HOG PRICES WERE STEADY TO $1.50 HIGHER THAN LAST WEDNESDAY AT $46.00-51.50. SOWS RANGED $30.00-33.00 AND BOARS $22.00 PER CWT.

SLAUGHTER STEERS AND HEIFERS 7% SLAUGHTER COWS 20%, SLAUGHTER BULLS 3%, SLAUGHTER CALVES AND VEALERS 3%, FEEDER CATTLE UNDER 600 LBS 53%, OVER 600 LBS 14%.

PRICE RANGES FOR VIRGINIA AUCTIONS

SLAUGHTER CATTLE STEERS; CHOICE 2-3 900-1300 LBS 65.25-77.00 MOSTLY 73.30-76.50 CHOICE 2-3 1300 LBS & OVER 68.50-76.75 HEIFERS; CHOICE 2-3 900-1100 LBS 61.50-72.75 UTILITY & COMMERCIAL COWS 43.00-54.25 BULLS; 1-2 900-1300 LBS 52.50-63.75 1-2 1300-1600 LBS 55.00-67.25 1-2 1600 LBS & OVER 56.50-69.00 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE AND PRIME 100-250 LBS 86.00-99.00 FEW 112.00 GOOD AND CHOICE 100-250 LBS 80.00-95 00 CALVES - GOOD AND CHOICE 250-500 LBS 70.00-88 00 FEW 90.00 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS SPRING 55.00-62.00 SHORN 56.50-58 50 SLAUGHTER HOGS US 2-4 200-250 LBS 45.75-50 00 SOWS US 1-3 300-500 LBS 30.00-41.00, 500 LBS & OVER 30.00-37.25 FEEDER CATTLE STEERS, MEDIUM 1 300-500 LBS 85.00-96 50 FEW 105.00 500-700 LBS 79.00-91.00 FEW 102.00 HEIFERS; MEDIUM 1 300-500 LBS 74.00-88 00 500-700 LBS 70.00-84.00.

Northern Virginia Area Livestock
Marshall & Staunton Union, VA
Tuesday, June 7, 1988

SLAUGHTER HOGS 60 HEAD - BARROWS AND GILTS STEADY, BARROWS AND GILTS US 2-4 200-250 LBS 49.00-49.25 3-4 250-300 LBS 44.50-48.00

SLAUGHTER CATTLE 321 HEAD - SLAUGHTER COWS 2.00 LOWER.

SLAUGHTER STEERS AND HEIFERS 191 HEAD STATE GRADED

STEERS; (*-DENOTES STATE GRADED) *CHOICE 2-3 1000-1300 LBS 71.00-77.00 MOSTLY 73.30-76.50 *CHOICE 2-3 1300 LBS & OVER 73.10-76.75 *SELECT 2-3 1100 LBS & OVER 65.00-71.75

HOLSTEIN *SELECT 1-2 1292 LBS 64.10

HEIFERS; *CHOICE 2-3 950-1100 LBS 67.00-72.75

SLAUGHTER COWS 108 HEAD CUTTER & BNG.UT. 1-3 42.00-48.25 BRKG.UT. & COMM. 2-4 43.00-51.25 CANNER & LOW CUTTER 1-2 39.00-45.00

SLAUGHTER BULLS 13 HEAD - 1-2 900-1300 LBS 63.25-63.75 1-2 1300-1600 LBS 58.25-65.50 1-2 1600 LBS & OVER 59.50-68.25

SLAUGHTER CALVES AND VEALERS 9 HEAD VEALERS - HIGH CHOICE AND PRIME 100-250 LBS 95.50-103.00

LAMBS 120 HEAD - SLAUGHTER LAMBS STEADY. HIGH CHOICE AND PRIME 95-125 LBS SPRING 61 30 CHOICE 85-125 LBS SPRING 60.75 SLAUGHTER EWES ALL GRADES 19.00-20.00

FEEDFR CATTLE 220 HEAD - NO TRENDS REPORTED STEERS, MEDIUM 1 MED.&LARGE 2 200-300 95 00-104 00 --- 300-400 85 00-95 00 --- 400-500 83 00-98.50 96 50 500-600 80.00-90.00 --- 600-700 79.00 --- 700-800 80 00-83 50 --- HOLSTEIN STEERS, MED.&LARGE 1-2 700-900 LBS 64.00

HEIFERS; MEDIUM 1 LARGE 1 200-300 89.00 --- 300-400 75 00-83.00 80 00-83 00 400-500 75.00-83.75 75.00-80.00 500-600 71 00-79.00 75.00-79.00 BABY CALVES RETURNED TO FARMS 43 HEAD NEWBORN TO 4 WK OLD 25.00-119.00 PER HEAD. OVER 100 LBS 80.00-125 00 PER CWT.

Southeast & Central Virginia Area Livestock
Lynchburg, VA
Monday, June 6, 1988

SLAUGHTER HOGS 25 HEAD - BARROWS AND GILTS 1.75 LOWER, SLAUGHTER SOWS 25 CENT TO 1.75 HIGHER. BARROWS AND GILTS US 2-4 200-250 LBS 47.75 3-4 250-300 LBS 46.25-47.50 2-4 180-200 LBS 48.25 SOWS US 1-3 300-500 LBS 36.00-37.50 BOARS 30.75

SLAUGHTER CATTLE 78 HEAD - SLAUGHTER COWS STEADY TO 2.00 HIGHER. SLAUGHTER BULLS STEADY.

SLAUGHTER COWS 64 HEAD CUTTER & BNG.UT. 1-3 42.75-51.75 BRKG.UT. & COMM. 2-4 48.00-50.25 CANNER & LOW CUTTER 1-2 36.50-48.00

SLAUGHTER BULLS 14 HEAD - 1-2 900-1300 LBS 50.00-60.25 1-2 1600 LBS & OVER 57.50-61.00

SLAUGHTER CALVES AND VEALERS 36 HEAD VEALERS - HIGH CHOICE AND PRIME 100-250 LBS 86.00-99.00 GOOD AND CHOICE 100-250 LBS 84.00-86.00

LAMBS 48 HEAD - NO TRENDS REPORTED. HIGH CHOICE AND PRIME 95-125 LBS SPRING 60.00; SHORN 58.50 CHOICE 85-125 LBS 58 00

FEEDER CATTLE 175 HEAD - FEEDER STEERS AND FEEDER HEIFERS STEADY. STEERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 89.00-96.50 98.00-106.00 80.00 81.50-90.50 400-500 83 00-88.25 --- 79.50-82 00 --- 500-600 ---- 84.50 71.25-80.25 73.25-83.50 HOLSTEIN STEERS, MED &LARGE 1-2 500-700 LBS 68 25-69 50, 700-900 LBS 64.25; 900-1100 LBS 63.50; 1100 LBS & OVER 58.25

HEIFERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 300-400 83.50-88.00 70.50-79.50 72.50-82.00 400-500 74.25-79.50 70.50-74.50 71.50-75.50 500-600 73.75 65 00-70 25 65.00-72.25 600-700 70.00-72.50 --- 60.25-63.50 FEEDER BULLS; MEDIUM 1 SMALL 1 MED.&LARGE 2 200-300 LBS --- 79.00 --- 300-500 LBS 83.25-99.50 75.25-80.75 74.00-83.50 500-700 LBS 75.00-84.25 80.00 69.75-77.00 COWS WITH CALVES AT SIDE 4 PAIR; M-1, 4-7 YR OLD WITH CALVES NEWBORN TO 250 LBS 465.00-600.00 PER PAIR. BABY CALVES RETURNED TO FARMS 5 HEAD NEWBORN TO 4 WK OLD 101.00 PER HEAD. OVER 100 LBS 102.00-130.00 PER CWT.

STATE GRADED FEEDER CATTLE 125 HEAD SOLD AT LYNCHBURG STEERS; MED.&LARGE 1 MED.&LARGE 2 300-400 90.50 86.00-98.00 400-500 92.00-100.50 90.75-97.00 500-600 87.00-96.25 81.75-91.00 600-700 84.00-88.25 80.00

HEIFERS; MED.&LARGE 1 MED.&LARGE 2 300-400 79.50-84.50 79.50-82.50 400-500 77.25-83.50 74.00-78.75 500-600 74.00-78.50 72.25-74.00 600-700 72.00 ---.

New Holland Horses
New Holland Sales Stables
New Holland, PA
Monday, June 6, 1988
Report supplied by Auction

REGISTERED RECEIPTS OF 351 HEAD OF HORSES, MULES AND PONIES. RIDING HORSES STRONGER; KILLER MARKET STEADY.

LOCAL

BETTER RIDING HORSES: 650.00-775.00.

DRIVING HORSES 375.00-1000.00.

RIDING HORSES: 350.00-550.00.

LIGHTWEIGHT KILLERS: 250.00-375.00.

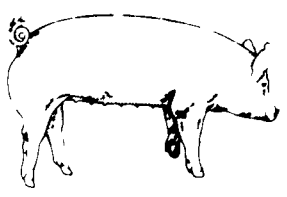
HEAVYWEIGHT KILLERS. 400.00-550.00.

MARE PONIES: 30 00-70.00.

COLTS: 10.00-35.00.

GELDING PONIES: 30.00-70 00.

LARGER PONIES: 125.00-240 00.



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1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

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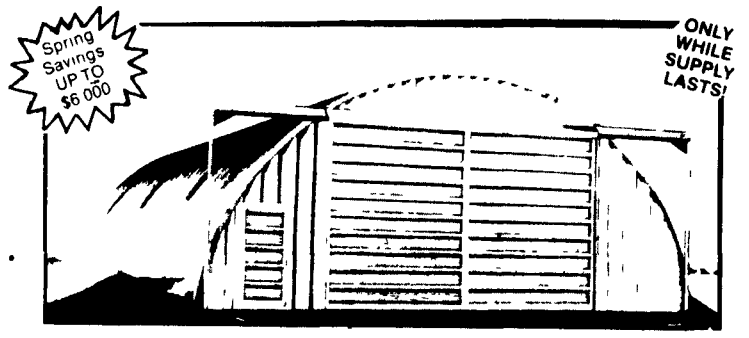

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Lancaster Farming

OPINION

Startling Report About Carcinogens

When Dr. Bruce Ames, who works in the Department of Biochemistry at the University of California-- Berkeley, developed a faster, cheaper method to determine the presence of health-threatening agents in food, he sent shudders through the government regulation agencies, the health food industry and organizations who would like to blame farmers and agri-businesses for all the Earth's ills.

Traditional testing uses laboratory animals and can take as long as three years and costs $100,000 per test. The Ames test uses bacteria that can reproduce in 20 minutes and is much less expensive.

While Dr. Ames' test is recognized as a major scientific breakthrough, a problem developed when researchers used the new test on common foodstuffs. To everyone's surprise, almost everywhere they looked they found carcinogens. These supposed health-threatening agents showed up in a cup of coffee, a bread crust, and in hamburgers. Yes, and even in celery, alfalfa sprouts and mushrooms.

We say supposed health-threatening agents because the popular assumption that man-made chemicals are the principal cause of cancer just isn't proven by the facts. Thousands of new chemicals have been developed and used in the last 40 years. So, we should now see an epidemic of cancer, but there is no epidemic.

Especially startling are the findings of Ames and his staff when they analyzed the results of every cancer test done on rats and mice. By comparing the amount of a chemical that caused cancer in rodents to the typical exposure people are likely to get, the Ames team developed a ranking system. The pesticides EDB and DDT ranked lower than alcohol, mushrooms, herb tea and peanut butter.

Independent scientists have reviewed and approved the Ames test. Scientists at the American Cancer Society and the American Medical Association found that Ames is by in large right. Dr. Peter Preuss of the US Environmental Protection Agency said, "I think Bruce Ames has a very important message. We don't know today what really causes cancer and what contributes to it."

Farmers and agri-businesses must be held responsible to judiciously use their chemicals in accordance with regulations to insure that food is not contaminated. But they should not be used as a scapegoat for contaminants that come from other sources. We can only hope that Dr. Ames' new research methods will help speed up the discernment of what is really a contaminant and what is just a natural part of the environment in which we live.

Farm Calendar

Saturday, June 11

Franklin County Dairy Princess Pageant, Kauffman Community Center, Marion, 7:00 p.m.

Strawberry Festival, Whistle Stop Nursery & Farm, Ringoes, NJ. 9 a.m. to 6 p.m. through June 12. Call 201-788-8552.

Somerset Dairy Princess Pageant, Somerset High School, Somerset, 7:30 p.m.

Lebanon County Dairy Princess Pageant, Annville High School, Annville, 7:30 p.m.

Bradford County Dairy Princess Pageant, Canton High School, Canton, 8:15 p.m.

Adams County Dairy Princess Pageant, Biglerville High School, Biglerville.

Monday, June 13

World Pork Expo, Des Moines, Iowa, through the 14th.

4-H Lamb Fitting & Showing, Bradford Co., 7 p.m., Stewart's Farm.

Tuesday, June 14

Bucks/Montgomery Carcass Contest, Delaware College, Doylestown.

FFA activities week, State College, through the 16th.

Direct Marketing Twilight Meeting, Four Winds Farm, Tabernacle, NJ. 6:30 p.m. to 9 p.m. Call 201-788-1338.

Wednesday, June 15

Wayne County Wool Pool, Frank Machek Farm, Pleasant Mount, 8 a.m. to noon. Call 717-253-5970 X 114.

Leaf Composting Conference, Douglass Campus, Registration in advance is $35. 8 a.m. to 4 p.m.

Wool Pool, 7 a.m. Bradford County, Bresee's Barn, Ulster.

Thursday, June 16

Capon Conference, J.O. Keller Conference Center, University Park, PSU.

Bucks/Montgomery Carcass Contest, Gehman Meats, Morwood.

(Turn to Page A31)

Friday, June 17

Susquehanna Co. Dairy Princess Pageant, 8 p.m., Mountain View High School.

Bedford Co. Dairy Princess pageant, Northern Bedford High School, Loyalsburg, 8 p.m.

Juniata Co. Dairy Princess pageant, Mifflintown Fire Hall, 7 p.m.

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Everett R Newswanger Managing Editor

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NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Encourage Water Consumption

In the managing of any type of livestock or poultry it is very important to obtain maximum water consumption. Some animals such as heavy producing milk cows will drink 30 gallons of water per day. All animals should have free access to water at all times. In the summer the water should be as cool as possible, and in the winter warmed water will increase consumption. Open troughs might be covered unless the water is flowing through the trough.

One way to encourage good water intake is to provide access to loose salt and minerals. These items will not help water consumption but will balance the ration and help promote more complete digestibility. During warm humid weather, we humans drink more liquid. Livestock and poultry will do the same when given the chance. This is good management and will increase efficiency in production.

To Deal With Volunteer Corn

I've had a number of inquiries concerning volunteer corn growing in many fields. This is corn that has been left in the field since last fall and is really a weed that will hurt our yields the same as any other weed. (The definition of a weed is a misplaced plant.) The big problem is how to get rid of it. There is no herbicide that can be used without killing all the corn. On tilled or minimum tilled, the cultivator can be used to kill the plants between the rows. In fact with the heavy rains in May, we're seeing a lot of soil compaction and crusting, so a good cultivation will loosen the soil as well as remove volunteer corn between the rows. On no-till, there is no means of eradication except the hand hoe. The larger the corn becomes the less you'll want to cultivate because of root pruning. We are again back to using the hoe.

All this volunteer corn growing is a remainder that part of our 1987 crop was left in the field.

To Keep Pesticide Records

Today's battle with insects, fungus, rodents and weeds requires the use of many different chemicals. It is important to keep an accurate record of any chemical used. This would include the date, name of material, application rate, field number and even the direction the wind is blowing. This might save a lot of trouble and loss of income in case there is some question.

Many food items are being checked by Food and Drug representatives for pesticide residues. It is possible to find residues even where the producer followed regulations and every recommended practice. Your records would be very important in these cases. In any event, always follow label instructions.

To Feed Shrubs After Flowering Period

Most people know that their plants do better if they're fertilized... but many ask when is the best time to feed shrubs. One important thing to remember is that shrubs need feeding immediately following their flowering periods.

For small shrubs, use one half a handful of a complete fertilizer such as a 5-10-10 or similar analysis. The fertilizer should be placed on the surface of the soil around the plants and lightly raked in.

After you've applied the plant food to the soil, it should be soaked in with rain or a healthy watering. Larger plants, of course, may be given a larger amount of plant food.

Once a plant is firmly and fully established, and in good growing condition, then it may not need regular fertilizer application.

Penn State Cooperative Extension is an affirmative action, equal opportunity educational institution.

CURES THAT DON'T CURE

June 12, 1988

Background Scripture: Exodus 2:11-22.

Devotional Reading: Hebrews 11:23-28.

Exodus tantalizes us with the bare facts about Moses' years between infancy and adulthood. We would love to know so much more. When did Moses discover that he was a Hebrew? How? What was his place or position at the Pharoah's court? Did he ever discover that his nurse was also his mother?

The writer of Exodus, however, gives us very few facts. Moses was born of Hebrew parents, but raised as an Egyptian of royal status and affluence. His name was Egyptian, but apparently his heart was Hebrew. Sometime during his young life he discovered that he was a Hebrew and became deeply disturbed at the unjust treatment of his people. Essentially, those are the facts about his early life.

QUICK & VIOLENT

But the writer of Hebrews tells us also about Moses' personality. He identified with oppressed people and sometimes his reaction was quick and violent. In a few brief verses the writer of Exodus tells us that Moses killed the Egyptian whom he found beating a Hebrew slave, intervened between two scuffling Hebrews, and again when some bullying shepherds interfered with the seven daughters of Jethro and his flocks at the well in Midian. No doubt about it -- Moses saw himself as a champion of the oppressed.

Unfortunately, like many of the champions of the oppressed, Moses was not without his failings. For one thing, he sometimes allowed his passionate feelings to become violent actions. He tried to cure oppression with yet more oppression. Just as we have often observed that violence cannot kill the truth, neither can violence kill error. Killing the Egyptian accomplished nothing whatsoever except to satisfy, perhaps, Moses' sense of justice. The Hebrews were not freed of oppression. Nor did his act endear him to the Hebrews. In fact, his violence only made things worse; he had to flee from Egypt.

A PRINCE & JUDGE?

Although the writer of Exodus doesn't tell us in so many words, he implies that Moses was also somewhat arrogant. Perhaps this was partly due to his position in the Egyptian court. This, at least is suggested by the words of one of the Hebrews whom Moses found fighting: "Who made you a prince and a judge over us? Do you mean to kill me as you killed the Egyptian?" (2:14).

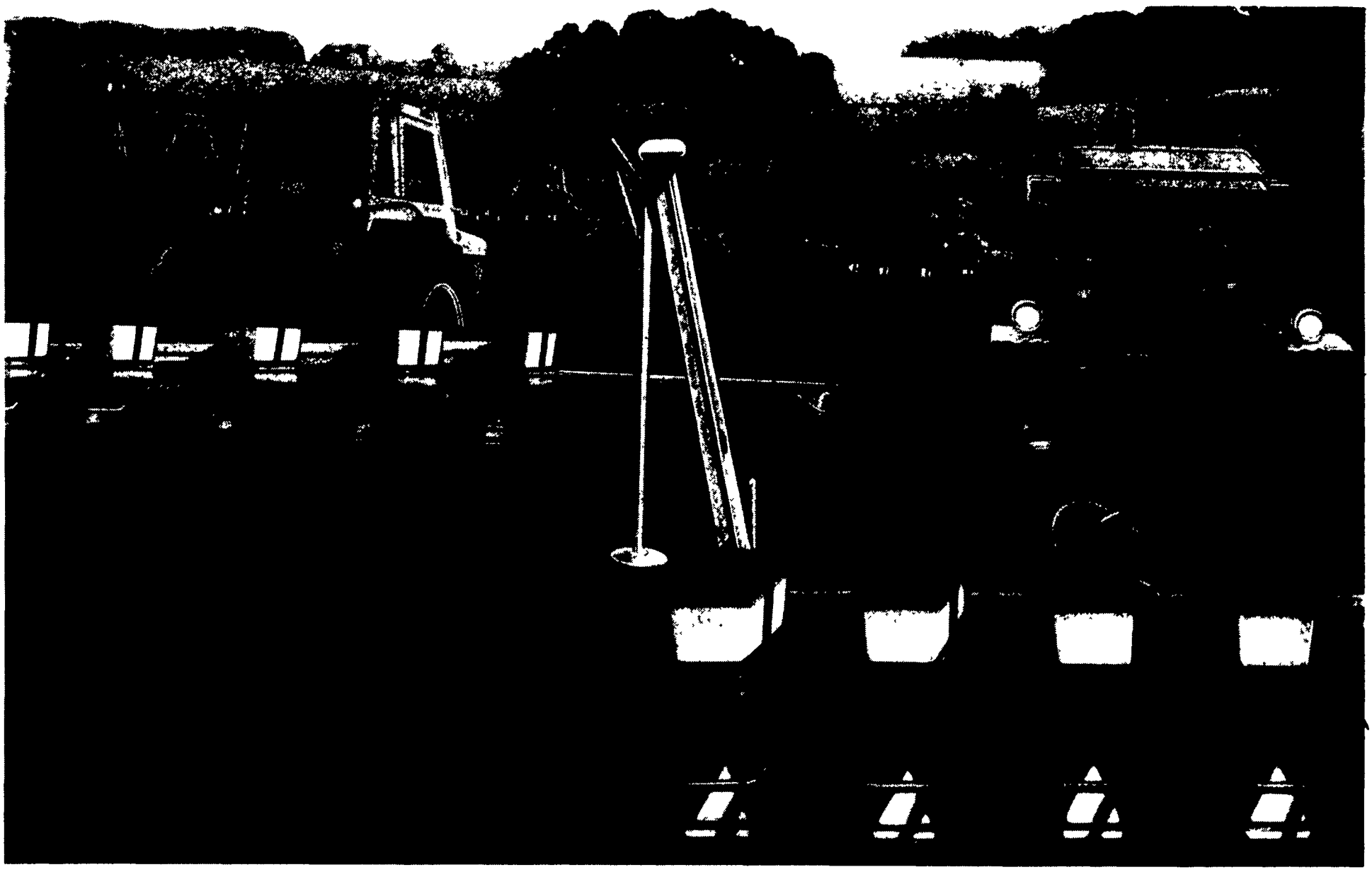
As a young minister, I sometimes identified with Moses' type of person. I was deeply disturbed by injustice and oppression and looked for some way to actively respond. In the days of the civil rights struggle, I marched and during the Viet Nam War I demonstrated. Looking back upon those times, while I have no reason to regret or renounce the positions I took and never countenanced violence, nevertheless I have sometimes wondered if some of the methods with which we pursued the struggle were not in the long run self-defeating. Seeking brotherhood among races, some of us simply stirred antagonisms. In the name of peace, many of us only succeeded in causing more strife. Perhaps, although our hearts were in the right place, our heads were not. The means we used to cure the evil didn't cure it at all.

In the name of faith, Christians have sometimes sown doubt. In the name of love, we have frequently stirred hate. In the name of Christ, we have acted like his enemies

This was something Moses had to learn... and all of us!

(Based on copyrighted Outlines produced by the Committee on the Uniform Series and used by permission Released by Community & Suburban Press)

I GOT A HECK OF A DEAL WHEN I BOUGHT OL' BETSY HERE— I BOUGHT 'ER FOR NEXT TO NOTHING, AND WITH PROPER CARE AND FEEDING...
... SHE'S PUT OUT A LOT OF MILK FOR ME OVER THE YEARS.
I'D SAY YOU DIDN'T GET A 'HECK OF A DEAL' THERE, BUT RATHER...
...YOU GOT YOURSELFA REAL DEAL THERE
DAVE CARPENTER



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Farming has been our only field of interest for seventy years. That's because we're farmers too. Farm Credit is owned and controlled by the same farmers who use its services.

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FARM CREDIT. A Bank Of Local Farmers.SM

Southwest Virginia Area Livestock

Wytheville, VA

Tuesday, June 7, 1988

SLAUGHTER HOGS 33 HEAD - NO TRENDS REPORTED. BARROWS AND GILTS US 2-4 200-250 LBS 48.75 SOWS US 1-3 300-500 LBS 32.00 500 LBS & OVER 33.50-35.50

SLAUGHTER CATTLE 63 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 55 HEAD CUTTER & BNG.UT. 1-3 45.50-49.00 BRKG.UT. & COMM. 2-4 46.00-48.75 FEW 52.00-53.75 CANNER & LOW CUTTER 1-2 38.00-46.75

SLAUGHTER BULLS 8 HEAD; 1-2 900-1300 LBS 54.50 1-2 1300-1600 LBS 56.25-57.25 1-2 1600 LBS & OVER 67.75

LAMB 205 HEAD - SLAUGHTER LAMBS 2.25 HIGHER. HIGH CHOICE AND PRIME 95-125 LBS SPRING 58.00 CHOICE 85-125 LBS SPRING 55.00 FEEDER LAMBS CHOICE AND FANCY 89 LBS 65.00 SLAUGHTER EWES ALL GRADES 19.25-24.00 SLAUGHTER RAMS ALL GRADES 19.50

FEEDER CATTLE 121 HEAD - NO TRENDS REPORTED. STEERS; MEDIUM 1 LARGE 1 MED.&LARGE 2 400-500 85.00 90.00 81.00 500-600 78 00 --- --- 700-800 --- --- 73.50 HOLSTEIN STEERS; MED.&LARGE 1-2 300-500 LBS 72.00-80.00 700-900 LBS 63 75

HEIFERS; MEDIUM 1 LARGE 1 MED.&LARGE 2 400-500 --- 81.00 74 00 500-600 74.00 --- 70.00 COWS WITH CALVES AT SIDE 6 PAIR; M&L-1, 5-9 YR OLD 800-1075 LBS WITH CALVES 150-275 LBS 505.00-715 00 PER PAIR BABY CALVES RETURNED TO FARMS 45 HEAD NEWBORN TO 4 WK OLD 87.50-150 00 PER HEAD

Shenandoah Valley Livestock

Harrisonburg, Va.

Sat., June 4, 1988

Report supplied by auction

STEERS: M&L-1 300-500 LBS. 91.00-97.00, FEW AT 106.00; 500-700 LBS. 82.00-90.00; 700-1000 LBS. 70.00-77.00; HOLSTEIN 300-1000 LBS. 65.00-90.00. S-L&M&L-2 300-500 LBS. 80.00-90.00; 500-700 LBS. 75.00-81.00.

FEEDER BULLS: M&L-1 300-500 LBS. 88.00-90.00.

HEIFERS: M&L-1 300-500 LBS. 77.00-87.00; 500-700 LBS. 66.00-79.00; S-L&M&L-2 300-500 LBS. 77.00; S-L&M&L-2 500-700 LBS. 60.00-72.00.

STOCK COWS- BEEF 490.00-835.00; BABY CALVES- 35.00-141.00.

SLAUGHTER COWS TREND: STEADY. UTILITY & COMMERCIAL 2-4 42.00-49.00, CANNER & CUTTERS 1-3 38.00-44.00.

SLAUGHTER BULLS: 1&2, 56.00-60.00.

LAMBS: TREND 1.80 LOWER. BLUE O HIGH CHOICE & PRIME 60.00; RED O CHOICE 62.75; FEEDER LAMBS CHOICE 78.00; SLAUGHTER EWES 23.00-27.00; HEAD EWES WITH LAMBS 110.00-112.00.

HOGS: SOWS 1-3 32.00-37.50; BOARS 30.50.

SLAUGHTER CALVES: GOOD & CHOICE 71 00-84 00

Lebanon Valley Livestock Auction

Fredericksburg, PA

Tuesday, June 7, 1988

CATTLE 156...PDA...Compared with last Tuesday's market: Slaughter cows unevenly steady to $2 lower. Choice 1135/1400 lbs. sl. steers 72.75-77 25, few Select 66-67.50; Select & Choice 1120/1700 lbs. holsteins 63-68 25, one 70.00, few Standard 61.50-65.75, few Utility & low Standard 47.75-57.75. Few Choice sl. heifers 71.25-75.25, one holstein 64.50, few 1010/1185 lbs. heiferettes 59.25-61.25, few Select 55.50-62.75, few Standard 52-58.75, one Utility 45.00. Breaking Utility & Commercial sl. cows 48.50-53.25, few 58.50, Cutter & Boning Utility 47-51.75, few 53.50, Canner & Low Cutter 44.25-47.75, Shells down to 38.50. Two Select sl. bullocks 64.25&65.50, one Standard 63.75. Few Yield Grade No. 1, 1335/1560 lbs. sl. bulls 67.00-68.75.

CALVES 224...Vealers weak to $10 lower. One Choice vealer 135.00, one 310 lbs. at 96.00, one Good 103.00, one 350 lbs. at 84.00, Standard and Good 85/115 lbs. 90.00-102, few 107.00, 60/85 lbs. 82.00-87, Utility 50/80 lbs. 50.00-60, few 90.00. Farm Calves: mostly $10 to $20 lower; Hol. Bulls 80/125 lbs. 99.00-139, few down to 94.00; Hol. heifers 90/120 lbs. 110.00-137.00. Few Beef cross bulls & heifers 75/100 lbs. 100.00-114.00.

HOGS 149...Barrows and gilts small supply unevenly steady to .50 higher. US No. 1-3 225/240 lbs. 52.60-52.85, 1-3 225/260 lbs. 50.60-52.35, 2-3 210/260 lbs. 49.75-50.25, two lots 275/305 lbs. 47.25-43, 2-4 205/220 lbs. 47.85-48.00. Sows steady to $1 higher. US No. 1-3 295/500 lbs. sows 34.00-38.50, few 40.50, 490/610 lbs. 32.00-35.50. Few Boars 28.00-30, few Light weights 39-43 50.

FEEDER PIGS 1...No Market Test.

SHEEP 11 ..Choice & Prime 75/130 lbs spring slaughter lambs 65.00-75.00

GOATS 0...No Market Test.

Oklahoma City Feed Cattle

Wed., June 8, 1988

WEEKLY CATTLE SUMMARY COMPARED TO LAST WEEK, VOLUME TRADE ON FEEDER STEERS STEADY TO 2 00 HIGHER AND HEIFERS STEADY TO 1 00 HIGHER CLOSING LEVELS ON STEERS STEADY TO 1.00 HIGHER AND ON HEIFERS LARGELY STEADY. LATE FEEDER DEMAND MODERATE INDUSTRY CLOSELY WATCHING DEVELOPMENTS IN THE GRAIN BUSINESS. SLAUGHTER COWS FIRM TO 1.50 HIGHER. COW DEMAND GOOD SLAUGHTER BULLS OPENED STEADY, CLOSED 1 00-2.00 LOWER. RECEIPTS THIS WEEK 14,650, LAST WEEK 10,687; LAST YEAR 11,950. COWS AND BULLS 6 PERCENT OF SUPPLY. AN INCREASED PERCENT OF THE FEEDER SUPPLY WAS SUITABLE FOR SUMMER GRAZING. FEEDER FLESH HAS MODERATED FROM FLESHY WHEATIES TO THINNER CONDITION.

FEEDER STEERS: MEDIUM AND LARGE FRAME 1, 225-300 LB. 115.00-126.00; 300- 400 LB. 106.50-116.00; 400-450 LB. 98.00-105.50; 450-500 LB. FEW 90.50- 94.50; 500-550 LB. 87.00-94.50; 550-600 LB. 84.50-88.25; 600-650 LB 81.25- 86.00; 650-700 LB. 79.75-82 00; 700-750 LB. 77.00-81.50; 750-800 LB 75.50- 81.00; 800-900 LB. 72.75-78 50, CLOSING 72.75-77.00; 900-975# 70.25-73.50. HOLSTEINS---LARGE FRAME 2, 650-700 LB. 67.75-69.25; 700-775 LB. 67.00- 68.25; 800-850 LB. 65.00-67.75; 950-1000 LB. 62.25-65.00; 1000-1050 LB. 60.25-62.00.

FEEDER HEIFERS: MEDIUM AND LARGE FRAME 1, 200-300 LB. 90.50-106.00; 300- 400 LB. 87.50-94 00, 400-450 LB. 85.75-90.00; 450-500 LB 82.50-87 50; 500-550 LB. 78 50-85.00, 550-600 LB. 76.00-79.50; 600-650 LB 73.75-77.00; 650-700 LB. 71.00-76.00, CLOSING BULK 72.00-75.00, 700-800 LB. 71.50- 75.25, BULK 71 50-74.50, 800-860 LB. 70.00-71.75.

Belknap Livestock Auction

Dayton, PA

Wed., June 8, 1988

CATTLE 61...PDA...Compared with last Wednesday's market: Couple Choice slaughter steers, 69.50 & 70.00, one Select 65.00, one Standard 59.00. One standard sl. heifer 57.50. Few Breaking Utility and Commercial sl. cows 49.25-53.25, one 55.00, few Cutter and Boning Utility 47-49.50, Canner and Low Cutter 40.00-45, Shells down to 26.00. One Yield Grade No. 1, 1245 lbs. sl. bulls 61.50. Feeder Cattle: Few Medium & Large Frame No. 1, 715/865 lbs. steers 62.75-70.00. Few Medium & Large Frame No. 1, 65/810 lbs. heifers 60.00-64.50. Large Frame #2, 375/650 lbs. holstein bulls 62.50-71.50.

CALVES 115...Couple Choice vealers 110.00&111.00, Good 94.00-107, Standard and Good 90/120 lbs. 86.00-10r.00, 60/85 lbs. 78.00-96.00. Farm Calves: Holstein Bulls 85/130 lbs. 100.00-139.00, Hol. Heifers 85/140 lbs. 93.00-114.00. Few Beef cross bulls & heifers 70/95 lbs. 85.00-145.00.

HOGS 181...Barrows and gilts $1 lower. US No. 1-2 230/250 lbs. 50.00-50.10, lot 51.10, 1-3 225/250 lbs. 48.90-50, 2-3 215/265 lbs. 47.00-48.70, 1-3 160/210 ls. 42.00-47, lot 111 lbs. 51.50. US No. 1-3 255/570 lbs. sows 34.25-36.75, couple 40&40.50, few 2-3 345/540 lbs. 33.50-34.25. Couple Boars 27.00&28.50.

FEEDER PIGS 122...US No. 1-3 15/25 lbs. feeder pigs 15.00-26.00, 25/35 lbs 23.00-39.00 --- all per head.

SHEEP 16...Lot High Choice & Prime 92 lbs. spring sl. lambs 70 00, lot Choice 73 lbs. 67.00. Few Slaughter sheep 7.50-20.00.

GOATS 15.. Medium 31.00-41.00, Kids 14.00-41.00 --- all per head.

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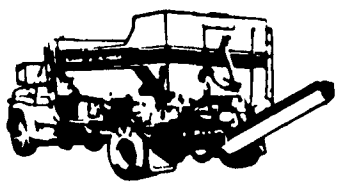

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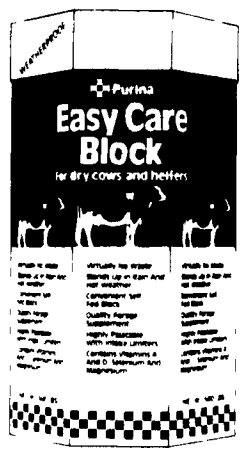

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Four States Livestock

Hagerstown, Md.
Wed., June 8, 1988
Report supplied by Auction

SLAUGHTER: FED STEERS- PRIME 78.25-80.00; CHOICE 76.00-78.00; SELECT 68.00-73.00; STANDARD HOLSTEINS SELECT TO CH. 64.00-68.00. FED HEIFERS- SELECT 61.00-65.00; DAIRY CULLS 54 00-58.75. COWS- HIGH YIELD 51.00-53.75, 1 AT 56.00; UTILITY-COMMERCIAL 47.00-51.00; CANNER-CUTTER 44 00-47.00; SHELLY 43 00-DOWN. BULLS- GD. 58.00-60.00; 1 HI YIELD 1,560 LBS. @ 65.00. VEAL CALVES- GOOD 89 00-103.00; CULLS 80-100 LBS 92.00-102.00; 60-80 LBS 85 00-94.00. HOLSTEIN BULLS- 100-125 LBS. 110 00-135.00, 85-95 LBS 104 00-126.00 HOLSTEIN HEIFERS- 95-110 LBS. 110 00-125.00 BEEF X 70-115 LBS. 106.00-130.00. LAMBS- CHOICE TO 73 00; GOOD 60 00-64 00, FEEDERS 65 00-70.00. SHEEP- TO 22.00. GOATS- MD. 40 00-56.00.

STOCKER: STEERS- MEDIUM & LARGE FRAME- 300-400 LBS. 88.00-90.00; 400-600 LBS. 76 00-92 00, 600-800 LBS. 63.00-71.50; 800-1000 LBS. 62 00-74.00. HOLSTEIN & HOLSTEIN X STEERS- 300-450 LBS. @ 78.00; 600 LBS. @ 65 00; 850-1040 LBS. 62 00-66 50. HEIFERS- 300-500 LBS. 76 00-81.00; 500-600 LBS. 67.00-76.00, 600-800 LBS. 66.00-73.00. BULLS- 900-1100 LBS. 56.00-63.00; SIMMENTAL 1,475 LBS. @ 72.00. DAIRY REPLACEMENTS- SPRINGING HEIFERS MD. 600.00-705.00; FRESH COWS TO 655 00; OPEN HEIFERS 600-1000 LBS. 62.00-63.00. SERVICE BULLS- HOLSTEINS 1000-1200 LBS. 55.00-65.00. PIGS & SHOATS- BY THE HD. 20-30 LBS. 21 00-26.00; 30-50 LBS 28.00-45.00. BY THE LB - 150-200 LBS 46.00-51.00. STOCK BOARS- 190-265 LBS. 30.00-35.00. SLAUGHTER HOGS- 215-245 LBS. 48.75-49 35; 260-280 LBS. 48.00-48.75. SOWS- 350-500 LBS 33.00-37.50; 500-550 LBS 35 00-36 00. BOARS- 350-700 LBS. TO 29 75.

NOTE: SPECIAL DAIRY CATTLE SALE AT 4 STATES ON WED. EVE., JUNE 22 CATTLE NEEDED FOR THIS SPECIAL SALE. CALL 4 STATES OFFICE TO ADVERTISE

Greencastle Livestock

Greencastle, Pa.
Monday, June 6, 1988

CATTLE 402 HEAD. SLAUGHTER STEERS 90 HEAD. CHOICE & PRIME 70.50-75.75, FEW TO 77.60; GOOD & CHOICE 68.00-74.00; GOOD & CHOICE - HOLSTEIN 65.00-69.00, STANDARD & GOOD — HOLSTEIN 57 00-65.75. SLAUGHTER HEIFERS 68 HEAD. CHOICE 69.00-73.00, FEW TO 75.00; GOOD & CHOICE 66.00-71.50; STANDARD & GOOD 57.00-67.00. COWS - 186 HEAD. UTILITY & COMMERCIAL 48.00-52.75, FEW TO 55.00; CUTTER & BONING UTILITY 46.00-53.00, CANNER & LOW CUTTER 46.50 & DOWN BULLS - ALL WEIGHTS 12 HEAD YIELD GRADE 1 63.00-72.00, FEW TO 75.75; YIELD GRADE 2 54.50-63.50 STOCKER CATTLE - ALL WEIGHTS 46 HEAD. STEERS - MEDIUM & GOOD 72.00-89.00; HEIFERS - MEDIUM & GOOD 65.00-79.00; BULLS - MEDIUM & GOOD 64.00-79.00; STEERS - HOLSTEIN 57.00-71 50.

CALVES 732 HEAD — GOOD & CHOICE 125-250 LBS. 107.00-119 00, MEDIUM & GOOD 125-250 LBS 90.00-108.00; MEDIUM & GOOD 80-120 LBS. 92 00-102 00; LIGHT & CULL- ALL WEIGHTS 92.50 & DOWN; HOLSTEIN BULLS - RETURN TO FARM UP TO 156 00, AVERAGE 125.00-147 00, HOLSTEIN HEIFERS - RETURN TO FARM UP TO 151.00.

LAMBS, SHEEP & GOATS 62 HEAD CHOICE LAMBS 61.00-64 00, MEDIUM & GOOD LAMBS 55.00-61.50, LIGHT AND CULL LAMBS, 64 00-69.00, SHEEP, EWES & BUCKS, 14.00-24 00, GOATS ALL SIZES — (BY HEAD) SMALL 19.00-31.00, LARGE 32.00-55.00.

HOGS 174 HEAD NO 1-3 BUTCHER HOGS - 190-225 LBS. 48 00-51.50; NO. 1-3 BUTCHER HOGS - 225-250 LBS. 47.00-51.75; NO. 1-3 BUTCHER HOGS - 250-300 LBS. 40 00-47.00; GOOD BUTCHER SOWS - 400 LBS DOWN 34.00-38.00; GOOD BUTCHER SOWS - 400 LBS UP 33.00-37.00, HEAVY BOARS - OVER 300 LBS. 27.50-30.25, LIGHT 31 00-34 00; PIGS - ALL SIZES (BY HEAD) 20 00-39 00.

SALE EVERY MONDAY AFTER NOON AT 3 30 P M & THURS AT 1 00 P.M

HAY & STRAW SALE EVERY MONDAY & THURS AT 11 30 A M

JUNE DAIRY DAY CELEBRATION — JUNE 13th FREE ICE CREAM, CAKE & MILK

6 LOADS - MIXED 39 00-49 00/TON, STRAW 39 00/TON.

St. Louis Cattle, Hogs

Tuesday, June 7, 1988

CATTLE AND CALVES 200 (SLTR 200)

TRADING SLOW ON SLAUGHTER STEERS AND HEIFERS, MODERATELY ACTIVE ON COWS HEIFERS FIRM TO .50 HIGHER COWS 1 00-2 00 LOWER THAN LAST WEEK'S AS COMPARED TO MONDAY, SLAUGHTER STEERS AND HEIFERS 50-1 00 LOWER COWS FEW BULLS STEADY SLAUGHTER SUPPLY MAINLY CHOICE AND STEADY TOO FEW BULLS TO ESTABLISH A MARKET SUPPLY MAINLY SLAUGHTER STEERS AND HEIFERS

SLAUGHTER CLASSES SLAUGHTER STEERS. CHOICE 2-4 1050-1250 LBS. 72 00-73 50 SELECT & CHOICE 2-3 950-1200 LBS. 70 00-72 50 SELECT 2-3 900-1175 LBS 67 50-70 00

HOLSTEINS· CHOICE 2-3 FEW HEAD 67 00 SELECT AND CHOICE 2-3 1100-1400 LBS 62 00-66.50

SLAUGHTER HEIFERS: CHOICE 2-4 900-1125 LBS 71 00-72 00 SELECT AND CHOICE 2-3 850-1050 LBS. 69 00-71.00 SELECT 2-3 900-1050 LBS 65 00-69 00 800-900 LBS. 57.00-65 00

SLAUGHTER COWS· CUTT, UTIL, COMM BULK SALES HI DRESS % LO DRESS % BREAKING 2-4 43 00-46.00 BONING 1-2 46.00-48 00 MOSTLY 48 00, FEW 49 00 CANNER AND LOW CUTTER 1-2 42 00-45 00 SHELLY CANNER 1-2 39 00-42 00

SLAUGHTER BULLS SCARCE DS CB 73 00-74 00 CC 73 50-74 50 CE 71.00-72 00 CF 72 00-73 50 CG 72 50-74 00 CI 67.50-69 00 CJ 66 00-67 00 CK 69 00-70 00 CM 65 50-66 50 CN 66 00-67 00 CO 62 00-65 60 CP 63 50-66 00 CS 72 00 37 00 CT 72 50-73 50 CU 69 50-71 00 CV 71.00-27.00 CW 71 50-72.50 CX 60 00-65.00 CY 65.00-68 50 CZ 65.60-69.00 DB 43.00-45.00 DC 44.00-46.00 DD 46.00-49.00 DE 44.00-49.00 DF 41 00-44.00 DG 60.00-63.00 DH 62.00-64.00 DI 59.00-61.00.

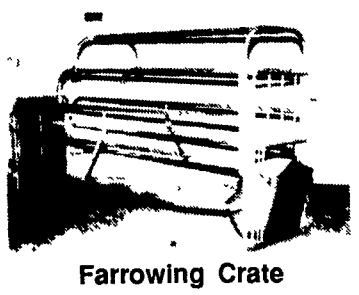
SLAUGHTER COWS: BREAKING UTILITY AND COMMERCIAL 3-5 45.00-49 00 CUTTER AND BONING UTILITY 1-2 45.00-50 00. CANNER AND LOW-DRESSING CUTTER 1-2 39.50-45.00

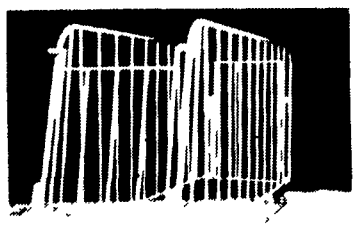
SLAUGHTER BULLS. Y G. 1-2 1000-1500 LB. 58.00-53.25, 1500-2000 LB 58.00-70 00 BULK 60 00-63 50.

TRI-COUNTY
CONFINEMENT SYSTEMS INC.

SETTING THE TREND

Penning


Farrowing Crate

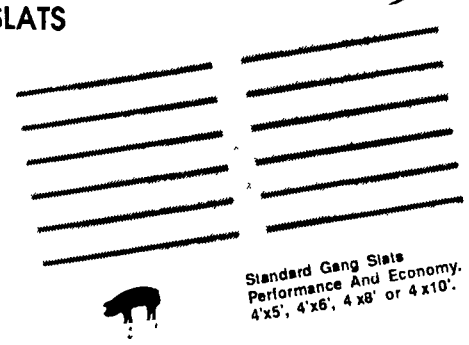

Gestation Stalls

100% SOLID STEEL ROD CONSTRUCTION

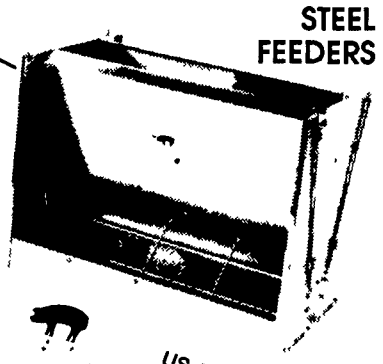
QUALITY FOR LIFE

HOG SLAT™ INCORPORATED

WET CAST CONCRETE SLATS

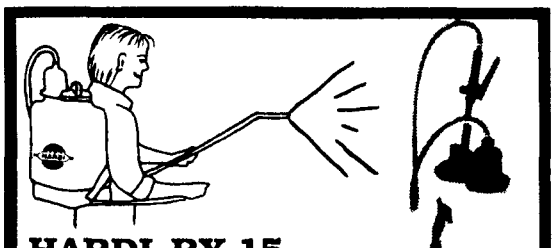

Standard Gang Slats Performance And Economy. 4'x5', 4'x6', 4 x8' or 4 x10'.

STAINLESS STEEL FEEDERS


US Patent 4306518

LARGE SELECTION IN STOCK For Your Convenience

TRI-COUNTY
CONFINEMENT SYSTEMS, INC.
SALES SERVICE QUALITY INSTALLATION
608 Evergreen Rd.
Lebanon, PA 17042
Ph. 717-274-3488



HARDI RY-15

SPOT SPRAYER WEEDS IN:
• Vegetable Gardens
• Corn And Soybean Fields
• Fence Rows

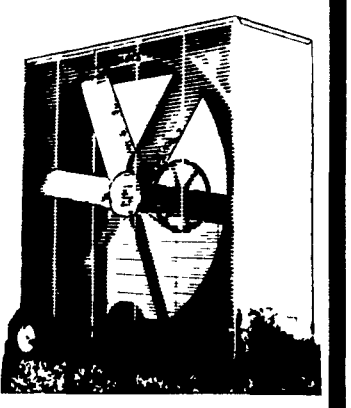
SPRAY INSECTICIDES AND FUNGICIDES ON:
• Fruit Trees And Grapevines
• Ornamental Plants
• Strawberries

Your Satisfaction Guaranteed Or A Full Refund If The Sprayer Is Returned Within 30 Days From Date Of Purchase

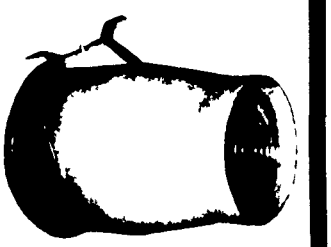
ABC GROFF, INC.
110 S Railroad Ave, New Holland, PA 17557
717-355-2121

NORBCO
EASYAIR Summer Ventilation

GIANT PORTABLE FANS 36" & 48"

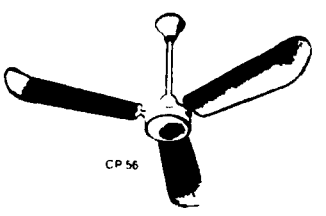


CIRCULATING FUNNEL FANS



Available in Three Sizes
16 - 20 - 24

CEILING FANS



NORBCO EQUIPMENT
Corner Rt. 233 & South St.,
Westmoreland, N.Y. 13490
TEL. 315-853-3936
Dealer Inquiries Welcome

Frederick Livestock Sales

Frederick, Md.
Monday, June 6, 1988
Report Supplied by Auction

BUTCHER COWS: STEADY TO 1.00 HIGHER. GOOD 52.00-54.00, STANDARD & UTILITY 47.00-51.00; CANNERS 43.00-46.00; SHELLY 43.00-DOWN. BULLS: GOOD 60.00-62.00; MEDIUM 56.50-59.00. STEERS: SELECT 62.00-66.25; STANDARD 55.00-60.00. HEIFERS: GOOD DAIRY CULLS 52.00-55.00.

BUTCHER HOGS: STEADY. 240-260 LBS. 48.50-49.50; 265-290 LBS. 43.00-45.00; SOWS: 350-375 LBS. 34.00-34.50.

VEAL CALVES: NO CHOICE OFFERED. GOOD 95.00-103.00; STANDARD 90.00-94.00; STOCKY & THIN 80.00-90.00; LIGHT CALVES 93.00-100.00; WEAK & ROUGH 60-80 LBS. 88.00-93.00.

CALVES RETURNING TO FARM. 20.00 UNDER LAST WEEK.

HOLSTEIN HEIFERS: 90-120 LBS. 98.00-115.00; HOLSTEIN BULLS: 100-115 LBS. 110.00-129.00; BEEF CROSS BULLS 120.00-165.00.

LAMBS: GOOD 63.00-64.50; GOATS 28.00-50.00.

STOCK CATTLE: VERY FEW OFFERED. STEERS- MED. 58.00-60.00; HEIFERS MED TO GOOD 500-600 LBS. 60.00-64.00; BULLS MED TO GOOD 500-700 LBS. 64.00-65.00. SPRINGING HEIFERS 700.00-735.00.

PIGS & SHOATS: LIGHT RUN. BY THE HEAD 20-25 LBS. 17.00-25.00; BY THE LB. 165-190 LBS. 45.00-48.00.

Peoria Sheep

Peoria, Ill.
Tuesday, June 7, 1988

SHEEP. 300 NO PRICE COMPARISON ON TODAY'S TRADE DUE TO VERY SMALL NUMBER SOLD A WEEK AGO.

SPRING SLAUGHTER LAMBS: CHOICE AND PRIME 90-120 LBS. 57.00-60.00 CHOICE 90-110 LBS. 55.00-57.00

SLAUGHTER EWES: CULL AND UTILITY 8.00-12.00

FARM CREST FEEDS

35 N. Cedar St.
Lititz, PA 17543
(717) 626-0331

Master Mix®

"Your Local Master Mix Dealer"

DOING THE BEST BETTER

Swine Finishing Buildings Wanted

New Or Remodel Existing Buildings

We Offer:

- 5 to 7 Year Contract
- Excellent Contract Payment
- Quality Feed Pigs From Our Own Sow Farms
- Service Representative To Train and Help You

This Makes An Excellent Part-Time Income!

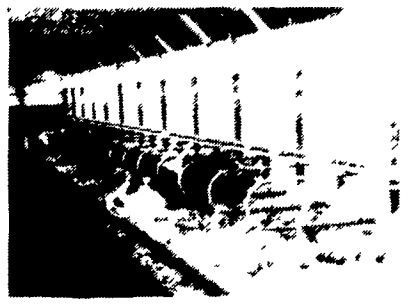
Capacity Sizes Considered Are
600 Hd, 900Hd., 1200Hd. or 1800 Hd.

Phone 717-626-0331
Join Our TEAM Today!

PAUL B. Zimmerman INC.

LOOP STALLS

All Loop Stalls Are Coated With Baked On Thermoset Epoxy Powder Coating After Fabrication



- Super Tough Finish
- Protection From Rust & Corrosion
- Superior Electrical Insulation
- Chip Resistant
- Resists Acid & Chemicals
- Smoother Finish Stays Cleaner

Zimmerman Loop Stalls Are Constructed of:

- 2 3/8" Outside Diameter High Yield Steel Tubing With A 12 Gal. (.108) Wall
- Spray Arc Transfer Method Used On Welds

PAUL B. ZIMMERMAN, INC.
2300 Woodcorner Rd.
Lititz, PA 17543
1 Mile West of Ephrata
Phone: 717-738-1121

EVERGREEN TRACTOR CO., INC.

In celebration of
"June is Dairy Month"...
during the month of June,
we will have available
in our store FREE chocolate
milk to all customers.

ANNOUNCING THE AVAILABILITY OF USED PLANTER & TILLAGE PARTS FOR THE FOLLOWING MACHINES:

- 7000 Planters
- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)

This is a partial listing. Please call for availability even if your machine is not listed.

TRACTORS:

JD 4030 QR, SG, nice $16,500
JD 3020 Gas, Side Console $5,850
JD 575 Skid Steer Diesel, almost new
JD 4430, QR, Fender Tractor $12,300
JD 60 Skid Steer, new engine $4,500
JD 2640 Diesel $10,900
JD 2550 Sound Gua SOLD WD, Almost New.. $25,000
IH 684 Dsl. Tractor w/Dual Remote 540-1000 PTO, Nice
JD 3020 Dsl. Syncro, Wide Front, Dual Remote $8,950
JD 2640 w/146 Loader $12,800
JD 830, 3 Cylinder $6,850
JD 2040 Diesel $6,950

COMBINES & PICKERS:

JD 454, 4 Row Bean and Sunflower Head $2,650
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
6600 gear, rotary screen, diesel, monitor, heater & air, US feeder house, bin extension.
NI 324 2 Row Wide 12 Row 327 bed $3,950
NI 818 combine with 13' flex head. Sharp
#244 Corn Head
#244 Corn Head
13' Grain Table
(2) #444 Corn Heads
NI 2 row narrow w/sheller, A1 ..... $3,950
(2) 653 6 Row Bean and Sunflower Head
4400 Combine Chopper
6600 Combine Chopper
JD #243 2 Row 30" Snapper Head $2,350
JD 300 Husker, Choice of Heads
NI Picker, 2 Row Narrow 12 Roll Bed, Nice.... $5,800
JD 13' Grain Head w/floating bar
JD #343 3 Row 30" Corn Head
#454 Bean Head 4 Row Wide
NI 2 Row Wide 8 Roll Bed $2,750
MF 510 Diesel Combine w/4 row narrow and 13' grain
JD 300 Husker w/3 Row Head
JD 40 Combine w/2 Row and Grain Head
JD 6620 LL Hydro Combine, Nice
JD 4440 Rotary Screen Diesel Combine, Auto Header Height Control, Sharp
JD 443 Corn Head

PLANTERS & GRAIN DRILLS:

JD 8300, 21x7 DD w/Grass $4,450
IH 510, 18x7 Plain DD Drill, Sharp $3,150
(2) (9) JD 7000 Planter Units
JD 20x7 Model B Plain Drill, Double Disk $1,850
JD 1300 6 Row Planter Radar Monitor, Sharp $3,450
JD #1240 Plateless Planter $1,850
White 5400 6 Row Air Planter $2,350
JD FBB 18x7 Grain Drill w/Grass, Nice $1,850
JD 7000 6 Row No-Til Conservation Planter w/Auger Fill $6,500
JD 7000 6 Row No-Till Planter, Nice $5,850
JD 8350 18x7 Drill, Single Disc $2,350
JD B Drill, 13x7 w/grass, Single Disc $625

MISCELLANEOUS:

14.9x38 Direct Axle Dual Wheels
JD 28' Implement Trailer $1,875
Kelley Loader for JD Row Crop $1,650
JD 42 Front Blade 8' $350

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE.... (Dealer Inquiries Welcome)

Coming In...

JD #27 6 Row Stalk Shredder
JD 1240 Plate Planter
Farmall M Tractor
JD B Tractor w/Cultivator
JD 630 Tractor
Oliver Super 55 Tractor
JD 2109 Mower Conditioner
13' and 15' Flex Heads

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

2955 2 Wheel Drive Tractor $23,500
8' 9" Model 710 Mulch Tiller $5,650

HAY & FORAGE EQUIPMENT:

NH 272 Baler w/58 thrower, nice $3,850
Harvester Adapter Plate for #243 Corn Head $300
Brady #144 4 Row Stalk Shredder $950
(1) (2) NH #469 Haybine
NH #282 Baler w/Thrower
JD 640 Rake
JD SOLD ke
JD 3940 Harvest w/2 Row Narrow and Pickup A SOLD
JD 3960 Harveste SOLD ow Row Crop
NI #402 Rake
NI #404 Wheel Rake $600
NH #489 Haybine

PLOWS-MOLDBOARD AND CHISEL:

JD 2600, 5B Plow $4,650
JD 7B 2500 Plow $3,950
JD F845 2 Bottom Roll Over Plow (New) $2,850
JD F350 5-16" Hyd. Reset Plow $2,350
JD Model 1610 14' Chisel Plow $2,650
IH 3B Fast Hitch Plow $350
JD #1450 5B 20" Plow $2,250
IH 530 5B Trip Plow $950
JD 1450 6-16" Semi-Mtd. Plow $2,250
JD 3200 5B Trailer Plow, Auto Reset $3,450
Oliver 565 5-16" Plow $1,250
JD #1600 12' Chisel w/Walking Tandems $2,450
JD 4-16 #1450 Semi-Mtd. Plow $2,450
JD F120 3-14 Plow $550
JD F125 3-16" Plow $650
IH 12' Vibra Shank $1,450

DISCS AND FIELD CULTIVATORS

JD AW 10' Disc $1,050
JD 18' BW Wing Fold Disc $2,250
Oliver #252 12' Disc $975
JD 220 Center Fold Disc, Nice $5,350
JD 12' TWA Plowing Disc $3,250
JD TW 12' Plowing Disc $2,750
JD Wing Fold 200 Series Cushion Gang, 20' Disc $6,500

ROLLER HARROWS AND CULTIMULCHERS

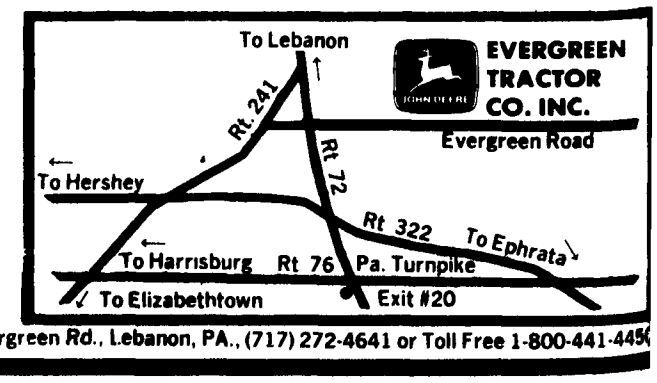
IH 315 12' Roller Harrow $3,450
JD 10' Cultimulcher, Sharp $3,450
Brillion 10' Cultimulcher In-Board Wheels $1,975

CULTIPACKERS

Brillion 14' Packer w/Transport $1,850
(2) Brillion 25' Wing Fold Packer ..... Choice $4,500
JD 12' Cultipacker $1,050
Brillion 16' Packer w/Transport $1,950
JD 14' Pack SOLD ransport

ROW CROP CULTIVATORS & ROTARY HOES

JD 400 Rotary Hoe, almost new $1,850
Brillion 6 Row BRC Cultivator (HD) $2,150
(1) (2) JD RM 4 Row Cultivator $975
JD 6 Row 30" RM Cultivator $1,550
White 6 Row Cultivator $650
JD 400 Rotary Hoe $1,475



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-445

Eighty-Four Livestock Auction

Eighty-Four, PA
Monday, June 6, 1988

CATTLE 224...Few Choice slaughter steers 72.00-74.50, Select 69.00-71.50, few Standard 60.00-66.00. Choice sl. heifers 70.00-74.00, Standard 56.00-63, few Utility 51.00-56.00. Breaking Utility & Commercial sl. cows 51 00-55 50, Cutter & Bon Utility 48.50-52, Canner & Low Cutter 44 00-49, Shells down to 31.00. Yield Grade No. 1, 1000/1950 lbs sl bulls 59 00-74.50, No. 2, 900/1400 lbs 52 00-56 00 Feeder Cattle: Medium Frame No 1, 360/500 lbs. steers 75 00-88 00, one lot Large #2, 1000 lbs. 56.75. Medium Frame No. 1, 400/550 lbs. heifers 70 00-79.50 Few Medium Frame No 1, 350/600 lbs. bulls 70.00-85 00.

CALVES 232...Few Choice vealers 97 00-110, Good 82.00-94, Standard and Good 90/120 lbs. 93.00-106, 60/85 lbs 86 00-96.00. Farm Calves: Holstein bulls 90/120 lbs. 105.00-170.00; Hol. Heifers 90/115 lbs. 100 00-140 00. Beef cross bulls & heifers 80/110 lbs. 110.00-147.00.

HOGS 185...US No. 1-2 212/255 lbs. barrows and gilts 48.35-49, 2-3 240/270 lbs. 46-47.85, one lot 2-4 295 lbs. 44.00, 1-3 150/165 lbs. 39.50-44.00. US No. 1-3 300/600 lbs. sows 38.00-41.50, 2-3 300/700 lbs. 35.00-38.00. Boars 31 00-33 50

FEEDER PIGS 30...US No 1-3 12/22 lbs feeder pigs 18.00-25.00, 35/40 lbs. 29 00-38 50, one lot 57 lbs 39.00 --- all per head

SHEEP 122 High Choice 80/110 lbs spring slaughter lambs 62.00-65, one lot 70.50, Choice 90/113 lbs. 58 00-61 50 Slaughter sheep 17.00-25 50.

GOATS 12 ..Large 38.00-45 00, Medium 20 00-33 00 --- all per head

Morrison Cove Livestock

Martinsburg, Pa.
Monday, June 6, 1988
Report supplied by auction

STEERS: HIGH CHOICE & PRIME 71.00-74.75; CHOICE 68 00-70 25; GOOD 65.00-68.75; STANDARD 52.50-63.75; HEIFERS: CHOICE 70 00-73.10: GOOD 58.50-68.50; COWS: UTILITY & COMMERCIAL 49.75-53.25; CUTTERS 48.00-50.50; CANNER & LOW CUTTER 38.50-48.25; BULLOCKS: GOOD & CHOICE 63 00-68 75, BULLS YG 1, 56.50-70.00.

FEEDER CATTLE: STEERS, GOOD 71 00-84.50; STANDARD 64.50-71 50; BULLS 68.50-76 00; STANDARD 60.00-68.00; HEIFERS· GOOD 65 00-74.50; STANDARD 58 00-63 50.

CALVES. 342. PRIME 1 12-1 21, CHOICE 1.02-1 09¼ ; GOOD .91- 98¼ ; STANDARD & GOOD .85- 93¼ , 90-110 LB 95-1 12; 65-90 lb .85-1.02; HOLST BULL CALVES 90-130 LB 1 05-1 57½ , HOLST. HEIFER CALVES, 90-130 LB 1 08-1 42½

HOGS 112. US 1&2, 50 25-51 50, 1-3, 47 75-49.50, SOWS 1-3 32.00-39.75.

FEEDER PIGS: 20 20-35 LB PER HD 28 50-34.00; 35-50 LB PER HD 36 50-47.00

SHEEP: 41. CHOICE LAMBS 73.00-75.75; GOOD 68 00-71 00, SLAUGHTER EWES 22 00-46 50

GOATS: 10 PER HD TO 52 00

MIXED HAY· PER TON 5 AT 29 00-74.00.

U.S. Inspected Livestock Slaughter

Under Federal Inspection
Wed., June 8, 1988

	CATTLE	CALVES	HOGS	SHEEP
WED., 6/8/88 (EST)	128,000	9,000	291,000	21,000
WEEK AGO (EST)	128,000	8,000	296,000	20,000
YEAR AGO (ACT)	126,000	9,000	275,000	20,000
WEEK TO DATE (EST)	381,000	28,000	831,000	59,000
SAME PD LT WK (EST)	255,000	18,000	603,000	40,000
SAME PD LT YR (ACT)	378,000	30,000	788,000	60,000

Grantsville Livestock

Grantsville, Maryland
Saturday, June 4, 1988

HOGS: TOP BARROWS & GILTS 49 00-51.20; HEAVY BUTCHER 35.00-50.00; LIGHT BUTCHER 38.00-48.50; BUTCHER SOWS 32.00-40.50; FEEDER SHOATS 18.50-50.00

VEAL: GOOD 90 00-120 00, STANDARD 80 00-85.00, UTILITY 60.00-70.00; BULL CALVES 115.00-145.00

SHEEP & LAMBS. GOOD 62.00-69.00; UTILITY 55.00-60 00, SLAUGHTER EWES 18.00-30 00.

SLAUGHTER CATTLE: STEERS· GOOD 70.00-78.75; STANDARD 65.00-68.00; UTILITY 58.00-62 00

HEIFERS: GOOD 68.00-72.00; STANDARD 60.00-64.00; UTILITY 55.00-58.00.

COWS: COMMERCIAL 49.00-56 00; UTILITY 42.00-48.00.

BULLS: COMMERCIAL & GOOD 60.00-73.50; CUTTER & UTILITY 53.50-55.00.

STOCK-FEEDER CATTLE: GOOD 80 00-90.00; MEDIUM 65 00-75 00.

STEER CALVES: GOOD 85 00-105.00; MEDIUM 68 00-75 00

HEIFER CALVES GOOD 75 00-90 00, MEDIUM 55.00-70 00

Valley Livestock

Athens, Pa.
Monday, June 6, 1988
Report supplied by auction

HOLSTEIN HFR. CALVES TO 137 50
VEAL CALVES TO 100 00.
VEALER BULL CALVES TO 170 00
SLAUGHTER CALVES 85.00-100.00.
GRASSERS & FEEDERS 50 00-65.00
LAMBS 60.00-76.00
SHEEP 15.00-27.00.
HOGS, 200 TO 250 LBS. 42.00-51 00.
SOWS 25.00-35.00.
BOARS: 25.00-43.00.
PIGS 20.00-41.00.
HEIFERS 46.00-55.50.
STEERS 50.00-60.00
STEERS, FEEDER 60.00-83.00.
BULLS 52.00-64.50.
COWS, GOOD 48.00-52.75.
COWS, MEDIUM 46.00-48.00.
COWS, POOR OR SMALL 35.00-44.00.
CATTLE MARKET SOME EASIER.
CALF MARKET SOME EASIER
HORSES TO 450.00.
GOATS TO 40.00.
REMARKS UNSETTLE MARKET.
FEEDER SALE 1ST MONDAY OF EACH MONTH.
DAIRY SALE 3RD THURSDAY OF EACH MONTH.

HISTORIC COLUMBIA MARKET HOUSE

Farmer's Market Since 1869

Columbia, PA

OPPORTUNITY for management of existing Farmer's Market. The Borough of Columbia will be receiving proposals for a long-term lease/management agreement on the Columbia Market House, for continuing use as a Farmer's Market.

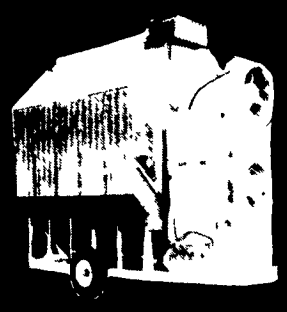
Interested parties contact: Gary Myers, Borough Manager, Borough Offices, Columbia, PA 17512 (717) 684-0221 8 A.M. - 5 P.M., Monday - Friday.

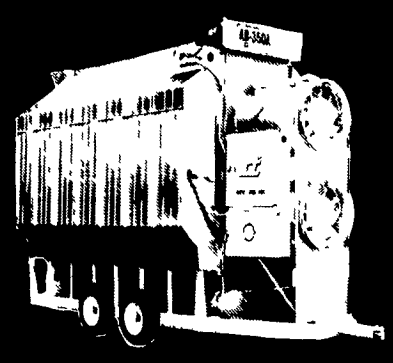
Also: STANDHOLDERS - Select stands still available for 1988. Reasonable rates, all products welcome.

Contact: Gary Myers, Borough Manager, (717) 684-0221

Own the dryer that pays for itself

Farm Fans has established a tradition of excellence with grain farmers everywhere by producing the most energy efficient, automatic and dependable dryers anywhere. Harvest earlier, and get greater market flexability. Own a Farm Fans Dryer...the dryer that truly pays for itself.





- Lower horsepower requires less energy
- Provides greater thermal efficiency
- Reduces power costs substantially
- "Temper dries" for high quality, bright-colored grain

ENERGY EFFICIENT!

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LEESPORT FARMER'S MARKET, INC.

North end of Leesport, PA — Turn East off Route 61

"WHERE FRIENDS MEET"

BERKS COUNTY'S ONLY WEEKLY CATTLE & SWINE AUCTION — WEDNESDAY AT 1 P.M.

FARMER'S MARKET Every Wednesday, 10 A.M. TO 9 P.M.

Garden Fresh Fruits & Vegetables - Bakery Fresh Cakes, Pies and Buns - Butcher Fresh Meats & Cheese - Sporting Goods - Clothing - Furniture - Jewelry - Used Items & Collectibles.

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PACMA
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• Forward Contracting • Hedging Services

CFS PFA COMMODITY FUTURES SERVICE, INC.

Philadelphia Fruit

Wed., June 8, 1988

CLOUDY 59-85.

GRAPEFRUIT FL 4/5 bucln Indian River White 23-40s 8.00-9.00 56s 8.50 Red 23s 8.50-9.50 few 11.00 27-32s 9.00 few 9.50-10.00 36-48s 9- 9.50 few 10.00 56s 9.00 few 10.00.

LEMONS CA ctn 95s few 28.00 115s 26.00-27.00 few 28.00 140s 19.50-20.00 fair cond 15.00 165s 18.00 fair cond 14.00 200s 14.50 Choice 95s 18.50 few 19 00 115s 18.00-18.50 140s 14.00-14.50 fair cond 11.50 165s 13.00-14.00 200s one lot few 13.50 fair cond 9.00.

LIMES ABOUT STEADY FL 10-lb ctn Persian Seedless 42s few 4 00 48s 3-3.50 few 4.00 54-63s 3- 3.50.

ORANGES CA ctn Navel one label 56s 17.00 Valencia 48s 10.50 56s 12.00-13.50 mos 12.50-13.00 few 14.00 72-88s 13.00-14.00 mos 13.00 few 12.00 occ hgr 113s 13.50-14.50 Choice 48s 9.50 56s 9.50-10.50 72s 10.00-11.00 88s 10.00-11.50 mos 10.50-11.00 113s 11.00-11.50 mos 11.00 few 12.00 FL 4/5 bucln Valencia 64s 9.50-10.00 mos 10.00 80s 10.00 few 10.50 100s 10.00-10.25 few 10.50 125s 10.00-10.50 mesh bags 10-4 lb 64 size 12.50 8-5 lb 64 & 100 size 12.00.

APPLES STEADY CONTROLLED ATMOSPHERE STORAGE ctn tray pack WA Red Delicious WAExFcy 72-88s 15.00-16.00 100s 15.00-16 00 few 14.00 113s 15.00-16.00 preferred labels 64-100s 17.00-17.50 113s 17.00 USExFcy 88-100s one lot 13.50 138s 12 00 ord cond 64-113s 5.00-7.00 preferred labels 88s 14 00-15 00 100-125s 14 00 Golden Delicious WAExFcy 88s 14 50 100s 13.50 113s one lot 12.50 WAFcy 113-125s one lot 7.00-8.00 ctn cell pack WA Golden Delicious WAExFcy 96s one lot 16 50 120s 12 50 12-3 lb film bags 2-1/4" min PA Red Delicious USFcy 9 00 REGULAR STORAGE ctn tray pack CHILE Granny Smith 70s 15.00 80s 15 00-16.00 90s few 15.00 100s 13.00

APRICOTS ABOUT STEADY CA 24-lb ctn Castlebrite & Katy extra jbo 13 00-15 00 jbo 11 00-12 00 exlge few 10 00 lge few 8 00 Lulu Belle exjob 15 00 Royal one lot few extra jbo 19 00 jbo 17 00 exlge 15 00.

AVOCADOS SUPPLIES LIGHT CA ctn Hass 2-lyr 48s 37.00.

BLUEBERRIES ABOUT STEADY NC 12-1 pt flats film overwrpd med 11 00-12 00 mos 12 00 med-lge 14 00.

CHERRIES ABOUT STEADY CA 18-lb ctn Bing 11 row size & lgr 21.00-22.00 mos 22.00 12 row size & lgr 20.00-21.00 via air Bing 12 row size & lgr few 21.00 Ranier 11 row size & lgr 35.00.

GRAPES-TABLE LOWER CA 22-lb ctn & lug Perlette 19 00-21.00 few 18 00 few best 24 00-25.00 sml 16 00-17 00 Flame Seedless 14 00-16 00 mos 16 00 few 17.00 Early Superior Seedless 20.00-21.00 AZ 22-lb lug Perlette sml 13 00-14.00 Flame Seedless 12.00-13.00 MEXICO 22-lb lug Perlette 18 00 sml 14.00-16.00 few 12.00 Flame Seedless 14.00-15 00 few hgr Exotic one lot 24 00-25 00.

KIWIFRUIT NEW ZEALAND 1-lyr flat 30-33s 10 00-10.50 36-39s 10.00.

MANGOS MEXICO ctn Haden 12-14s 10.50-11.00 HAITI ctn 12-14s 8 50-9.00

NECTARINES ABOUT STEADY CA 25-lb lug May Glo 84 size fair cond 6 00-8 00 96 size 10 00 fair cond 5 00 108 size fair cond 4.00-5 00 May Grand 64 size 14 50 72 size 14 50- 15.00 mos 14.50 fair cond 12.00-12.50 80 size 12 50 fair cond 5 00-7 00 84 size 12.50 fair cond 8.50-10.50 96 size 9.00-10 00 few 8 00 108 size 7 00-8 50 fair cond 5.00-6 00 Aurelio Grand 84 size 12 50 96 size 10 00 Red Diamond 80 & 84 size 12.50 2-lyr ctn Red Diamond 72s one lot few 13 00.

PAPAYAS SUPPLIES INSUFFICIENT TO QUOTE

PEACHES ABOUT STEADY 38-lb ctn various Yellow Flesh varieties up sizes US#1 extra unless otherwise stated SC 2-1/4" 15 00-16 00 2" 9 00-10 00 fair cond 6 00 fair qual 2-1/2" 12.00-13 00 2-1/4" 10 00 2-1/8" 6 00-7.00 2" 5 00-6.00 CA 25-lb ctn Spring Lady 72 size 12 00 Springcrest 56 size 14.50.

PEARS STEADY WA 4/5 bucln D'Anjou controlled atmosphere storage WAExFcy 90s 24 00- 25 00 100s 23.00-24 00 110s 22 00-23 00 occ lwr US#1 90s one label 26 00 100s one label 24.00 few 26.00 fair appear 20 00 110s one label 23 00 fair appear 19 00 120s one label few 24 00 150s 14.50 AUSTRALIA 4/5 bucln wrpd Bosc 70-120s 32 00 fair cond 120s 18 00 ord cond 120s 10 00 CHILE 4/5 bucrt wrpd Packham Triumph 80-90s few 19 00 100s few 18 00 110s 16 00-18 00 Bartlett 110s 16 00-18 00

PINEAPPLES COSTA RICA 2-lyr ctn 8-12s 15 00-16 00.

PLUMS ABOUT STEADY CA 28-lb ctn Red Beaut 3x4 size 20 00-22 50 3x4x4 size 18 50-19.00 fair cond 13 00-14 00 4x4 size 15.00-16.50 few 14.00 fair cond 13.00 few 12.00 3x4x5 size 10.00-12 00 mos 11.00 fair cond 7.00 4x5 size 9-9.50 fair cond 7.00 Berry Red 3x4 size 22.00 3x4x4 size 20 00.

PRUNES NO SUPPLIES.

RASPBERRIES SUPPLIES INSUFFICIENT TO QUOTE.

STRAWBERRIES LOWER CA 12-1 pt flats med-lge 10 00-12 00 mos 11.00-11 50 fair cond 7.00-9.00 via air 12 00-13 00 mos 12 00 one lot high as 15 00 one label 21 00 NJ 8-qt ctn sml-med 8 00-9 00 mos 9 00 fair cond 5.00-6 00 16-qt crt sml 15 00-16 50 mos 16 00 fair appear 12 00 fair cond 8 00.

CANTALOUPS SLIGHTLY LOWER CA 1/2 ctn 15s 9 00-10 00 few hgr fair cond 8 00-9 00 18s 9 00-10 50 mos 10 00-10 50 few hgr fair cond 7 00-8 00 23s 9 00-10 00 22s fair cond 4 50-7 00 TX 1/2 ctn 12s one label 12 00 15s fair cond 8 00-9 00 ord cond 4 00- 5 00 18s 10 00-11 00 mos 11 00 fair cond 7 00-8 00 ord cond 4 00-5 00

HONEYDEWS ABOUT STEADY TX 2/3 ctn 5-6s 7-7 50 few 8 00 8s 7 00 one label 8 00 9s one lot few 6 00 Orange Flesh varieties one lot 8s 6 00 9s 5 00 10s 4 00 EL SALVADOR 2/3 ctn fair appear 5-6s 5.50-6 00

MISC MELONS LOWER TX 2/3 ctn Crenshaw 4s one lot 12 00 5s 12 00 one label 15 00 6s 12 00 fair cond 9 00-10 00 8s fair cond 4.00-5 00 9s 10 00 10s fair cond 4 00- 5 00 MEXICO 2/3 ctn Mayan Sweet 5s 8 00 6s 6 00

WATERMELONS STEADY FL average weight per melon Jubilee 38-lb 6 50-7 00 mos 6 50 33-lb 5 50- 6 00 28-lb 4 50-5 00 30-lb Crimson Sweet 5-5 50 23-lb 3 75-4 00 21-lb 3- 3 25 Long Gray 32-lb 4 50-5 00 28-lb 4-4 50 ctn per lb Jubilee 3s 23-25 cents Seedless variety 4-5s 40 cents TX average weight per melon All Sweet 32-lb 6 50-7 00 30-lb 6 6 50

Philadelphia Vegetables

Wed., June 8, 1988

CLOUDY 59-85

ARTICHOKES SUPPLIES INSUFFICIENT TO QUOTE

ASPARAGUS SUPPLIES LIGHT CA 30-lb crt & ctn jbo fair cond 17 00 exlge 22.00 lge 18.00-20 00 fair cond 17.00 WA 30-lb crt Long Green WAExFcy std 26.00 NJ Pyramid crt bchd 12s Field Run med-lge one lot 22.00-23.00

BEANS various bu containers Round Green type unless otherwise stated FL handpicked fair qual 11 00 SC 10 00-12 00 handpicked 14.00-16.00 mos 14.00-15.00 GA 10.00-12.00 NC 10.00.

BEETS SUPPLIES LIGHT NJ crt bchd 12s 10 00.

BROCCOLI ABOUT STEADY ctn bchd CA 14s 8-8.50 18s one lab 9.50-10 00.

CABBAGE SLIGHTLY LOWER 1-3/4 bucln & crt medium Green unless otherwise stated SC 6.50-7.00 NC 6.50-7.00 mos 6.50 few includ sml-med 6.00 GA 6.00-7 00 ord cond 3 00-4 00 NJ sml-med 6 00 NY 50-lb sacks lge 8 00.

CARROTS LOWER 48-1 lb film bags in film sacks CA med-lge 9 50-10 00 few 11 00-12 00 fair cond 8 00 FL med fair cond 7 00 50-lb sacks lse jbo CA 9 00-10 00 few 12 00 ctn bchd 24s CA 10.50-11.00 miniature type 20-12 oz film bags OH ctn 10.00.

CAULIFLOWER ABOUT STEADY CA ctn film wrpd 12s 8 00 few 8 50 one label 10 00 fair cond 5 00-7.00 16s 7-7 50.

CELERY ABOUT STEADY CA ctn 2-2-1/2 doz 13 00 FL crt & ctn 2 doz 10 00-11 00 few 11 50 2-1/2 doz 10 00-11 00 fair appear 8 00-9 00 fair cond 7.00 film wrpd 12s 12 00 3 doz 10 00-11 00 fair cond 7 00-8.00.

CHINESE CABBAGE SUPPLIES LIGHT NJ Celery crt 10 00-12 00 fair cond 7 00 CA 50-lb ctn Nappa & Bok Choy 12 00.

CORN HIGHER FL wirebound crt approx 4-1/2 doz Yellow 7-7 50 few 6 50 White 8 00-9 00 few best 10 00 bicolor 8 00.

CUCUMBERS SUPPLIES LIGHT 1-1/9 bucrts & ctns Waxed med unless otherwise stated GA fair qual 15 00-16 00 pickles unwaxed med 25 00

EGGPLANT SUPPLIES LIGHT FL 1-1/9 bucln med 16 00-18 00 sml 12 00-14 00 GA 5/9 bucln Italian type 10 00

ENDIVE LOWER NJ 1-1/9 bucrt 10 00-11 00 few 9 00 fair appear 8 00 CA ctn 24s 11 00 OH 1-1/9 bucrt 11 00-12 00

ESCAROLE ABOUT STEADY NJ 1-1/9 bucrt 10 00-11 00 mos 11 00 few 9 00 fair appear 8 00 OH 1-1/9 bucrt 11 00-12 00

GREENS ABOUT STEADY crates approximately 1-1/2 bu bchd unless otherwise stated NJ Collards, Mustard, Turnip Tops 5 00-6 00 mos 5 50 Kale 5.00-6 00 mos 5.50-6.00 Swiss Chard 6.00 Dandelion fair appear 6 00 PA Collards, Mustard, Turnip Tops, Kale & Rape 5 50 few 6 00.

LEEKS SUPPLIES LIGHT NJ crt bchd 12s 13 00-14 00.

LETTUCE ICEBERG HIGHER ctn 24s unless otherwise stated CA 12 00-13 00 fair appear 10-10.50 film wrpd 12 00-13 00 mos 12 50 previous commitments 10 50 30s one lot 11 00 AZ one lot 9 00-10 00 ROMAINE ABOUT STEADY CA 24s ctn 9 50-10 00 few 11 00 crt 12 50 few 13 00 NJ ctn 24s 5.00-6 00 mos 5-5 50 BIG BOSTON CA ctn 24s 7.50 NJ crt 24s 5 00 OH crt 24s 7-7.50 BIBB NJ sml crt 24s 4 50-5 00 OH 16 qt bkt 24s 5 00 LEAF NJ crt 24s includ Red fair appear 4 00-5 00 CA ctn 24s includ Red 9 50-10 00

OKRA SUPPLIES LIGHT GA 1/2 bucrt sml-med 12 00

ONIONS GREEN SUPPLIES LIGHT NJ 4/5 bucrt bchd 48s 10 00-12 00 MEXICO ctn bchd 48s 10 00 12 00 CA ctn bchd 48s one lot 13 00

PARSLEY SLIGHTLY LOWER bchd 5 doz curley unless otherwise stated NJ bubkt 10.00-11.00 few 9.00 Plain 8.00 few 9.00 CA ctn 9.50.

PEAS-GREEN NJ bubkt 10.00.

PEAS-SOUTHERN NO SUPPLIES.

PEAS-SUGAR ABOUT STEADY 10-lb ctn per lb CA 1.20 via air 1.40-1.50 GUATEMALA via air 1.40-1.50.

PEPPERS ABOUT STEADY 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated FL lge 7.00-8.50 mos 8.00 fair cond 5.00-6.00 med 6.50 sml-med 5.50-6.00 Mixed Red lge 5.00-6.00 few 7.00 Red lge 20.00-22.00 Yellow med-lge 10.00-15.00 mos 12.00 Cubanelle lge 7.00 Mixed Red 5.00 Longhots ord cond 3.00-5.00 Jalapeno 1/2 bucln one lot 7.00-8.00 NETHERLANDS 5 kilo ctn Red lge 27.00-28.00 Yellow lge 22 00-23 00.

RADISHES ABOUT STEADY Red ctn 30-6 oz film bags unless otherwise stated FL 6.50-7.50 few 6.00 14-1 lb film bags few 7.50 OH few 6.50 White 24-8 oz film bags 7.00 bchd 24s 4.00-5.00.

SPINACH LOWER Savoy type NJ bubkt 8.00-9.00 1-1/4 bucrt bchd 10.00 PA 1-1/4 bucrt fair appear 7.00.

SQUASH ABOUT STEADY 1/2 & 5/9 bucrt & ctn GA Zucchini sml-med 5.00-6.00 med 4.50 NC Zucchini sml-med 5.00-6.00 Yellow Straightneck sml-med 6-6.50 NJ Zucchini sml-med 5.00-6.00 mos 5.00 med 4.00 FL Zucchini sml-med 5 00 med fair qual 3.50-4.00.

SWEET POTATOES SUPPLIES INSUFFICIENT TO QUOTE.

TOMATOES ABOUT STEADY 25-lb ctn Pink to Light Red 85% US#1 or better unless otherwise stated SALES BY REPACKERS FL 5x6s 7.50 one lot 9.00 6x6s 6.50 one lot 8.00 6x7s 6.00 SALES BY OTHERS FL 5x6s 7.00-8.00 mos 7.50-8.00 few 8.50 Red 6.00 ord cond 2.00-4.00 6x6s 6-6.50 mos 6.00 few 7.00 occ hgr Red 5.00 6x7s 5.00-6.00 few hgr fair qual 5x6s 5.
50-6.00 mos 6.00 Red 4.00-5.00 6x6s Red 4.00-5.00 CHERRY TYPE FL 12-1 pt flats 10.00-12.00.

TURNIPS NJ 25-lb film bags topped med 4.00-5.00.

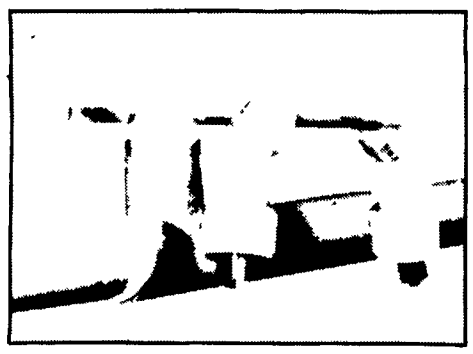
Philadelphia Potato & Onion

Wed., June 8, 1988

ONIONS-DRY ABOUT STEADY 50-lb sacks US#1 or generally good quality Yellow unless otherwise stated TX Grano type Colossal few 8-8.50 jumbo 650-700 few 750 some 600 White jumbo few 10.00 Red 25-lb sacks jumbo 7- 750 White Boilers 12.00 CA Grano type jumbo 650-700 Repacker size 750- 800 Red 40-lb cartons jumbo few 10.00 AZ Granex type Repacker size 750.

POTATOES ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated Round Whites ME 400-425 FL new crop 550-600 few 500 few 625 large 7-750 few 800 Round Reds AL new crop 750-800 few 900 size B 11.00 few 12.00 NC new crop 600 size B 800 FL new crop 700 size B 10 00 AZ new crop 800-900 Long Whites CA new crop 50-lb carton 10 00- 10 50 Russets 50-lb carton count ID 70s 12 00 80s 11 00-12 00 mostly 12.00 90s 10 00-11 00 100s 850-900 OR 70-80s 850 90s 750 100s 700 CO Centennial 90s 800 100s 700.

KES POULTRY MIST SYSTEM



ADVANTAGES OF THE KES POULTRY MISTER:

- Each KES spray nozzle will operate at water pressure as low as 20 PSI. Does not require additional pump.
- Easy Spray Head is directional, designed to avoid dripping and can be individually shut-off.
- The filter is rewashable, not disposable. When the system shuts off the filter is automatically cleaned.
- Where water contains a high concentration of minerals, a low-cost water conditioner is available to prevent nozzles from clogging.
- System is thermostatically controlled.
- Water management and dust are controlled by timer.
- Each nozzle sprays one gallon of extremely fine mist per hour, insuring efficient evaporative cooling without residual moisture.
- The system can be manually operated during a power failure.

The All New LOW-PRESSURE ANTI-DRIP Cooling System

KES, is the established name in automatic misting systems. KES's unique systems are used in greenhouses and supermarket produce cases. KES has recently introduced an exclusive Low Pressure Evaporative method of cooling Poultry Houses.

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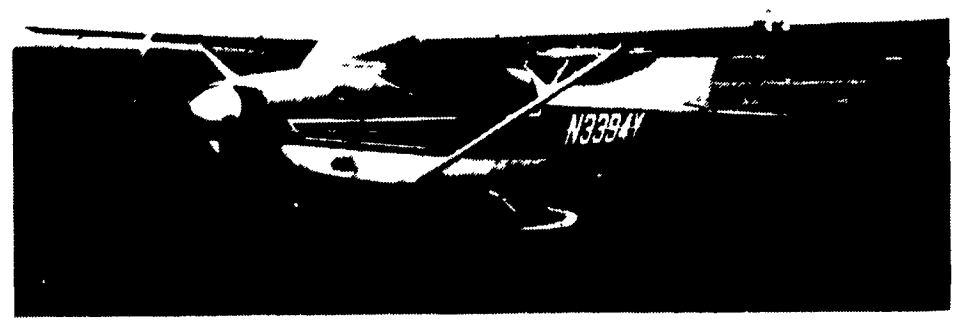

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Shippensburg Produce Auction

(717) 530-1700

Shippensburg, PA

June 2, 4 & 7

Report Supplied by Auction

APPLES 1.75-3 00⅛ BU.
ASPARAGUS 4 00-12 00 12# BOX
BEDDING PLANTS 1.50-4 75 FLAT
BROCCOLI 5.00-8.00 BU.
CANTALOPES 28-45 EA.
CAULIFLOWER 35 74 HD
EGGS .18-.49 DOZ
LETTUCE (LOOSE) 2 00-8 50 BU., (HEAD) 4.00-4 50 BU
ONIONS (SPRING) 3.50-8 00 ½ BU
PEAS 5 00-8.50 ½ BU.
POTATOES 1.50-3.00 50 LBS
RADISHES 2.50-3 00 ½ BU
RHUBARB 3 50 ½ BU.
SPINACH 4.50-7.75 BU.
STRAWBERRIES 7 50-14.00 8 QT FLAT.
SUGAR PEAS 4.00-15 00 10 LB. ½ BU.
SUGAR SNAPS 12 00-15.50 ½ BU.
TOMATOES 6 50-10 00 25 LB BOX
WATERMELON 2 50-3.20 EA.

Leola Produce Auction

Leola, PA

Tues., June 7, 1988

Report Supplied by Auction

ASPARAGUS .90-1 70 12 OZ. BUNCH.
BEDDING PLANTS 3.00-6 50 FLAT
BROCCOLI 3.00-8 50, 12-14 CT
CAULIFLOWER .20-30 HD.
LETTUCE 2 50-6 00 18-24'S.
ONIONS 7.50-10.00 40 CT. BUNCH
PEAS 18 00-25 00 1 1/9 BU
RED BEETS 6.00-9.00 15 CT BUNCH.
RHUBARB 5.00-7 00 15 CT BUNCH
SPINACH 7.00-11 00 13-15 LBS
STRAWBERRIES 10 00-13 00 8 QT SHIPPER.
SUGAR PEAS 12 00-16.00 1½ BU
10#
SUGAR SNAPS 11 00-14 00 ½ BU., 10#.
TOMATOES 18 00-25 50 25# #1 GREENHOUSE
TURNIPS 3 50-5 00 25 LBS
ZUCCHINI 7 00-10.00 ½ BU.
NOTE. SALE DAYS NEXT WEEK MON., TUES., THURS AND FRI 10 A M

Keister's Middleburg Auction

Middleburg, PA

Tuesday, June 7, 1988

CATTLE 332.. REPORT SUPPLIED BY THE AUCTION Choice slaughter steers 74 00-77 75, Select 70 00-73 85, Choice holsteins 68 00-69 75, Select 65-67 75, Standard 65-69 75 Choice sl heifers 72 00-75 75, one 78 75, Select 65-70.75, Standard 58-64 75 Breaking Utility & Commercial sl cows 46-50 75, few 52 75, Cutter & Boning Utility 44 50-51 75, Canner & Low Cutter 40-44 25 Shells down to 37 00 Select sl bullocks 63 00-65 75 Yield Grade No 1, 1200/2060 lbs sl bulls 58 50-64 85, No 2, 800/1200 lbs 55 00 58 25 Feeder Cattle ALL WEIGHTS 350/750 LBS Steers 65 00-89 00 Heifers 55 00-78 00 Bulls 58 00-85 00

CALVES 193 Prime vealers 130.00-134, Choice 100 00 128, Standard and Good 90/110 lbs 100 00-115, 60/90 lbs 85 00-100 00 Farm Calves Holstein Bulls 90/125 lbs 110 00-145 00, Holstein heifers 90/125 lbs 100 00-130 00

HOGS 449 US No 1, 215/235 lbs barrows and gilts 53 00-54 75, 1-2 210/245 lbs 52 00-53, 2-3 200/250 lbs 51 00-52, 2-4 190/270 lbs 48 00-51 00 US No 1-3 280/650 lbs sows 34 00-39 50, few Light weights to 42 00, 2-3 260/575 lbs 28 00-34 00 Boars 31 50-31 75

FEEDER PIGS 625 US No 1-3 20/40 lbs feeder pigs 25.00-38.00, 1-3 40/60 lbs 38 00-46 00 --- all per head.

SHEEP 47. Choice 80/110 lbs. spring slaughter lambs 65.00-75.00, Good 50/75 lbs. 55.00-65.00. Slaughter sheep 15 00-27.00.

GOATS 0 No Market Test

Penns Valley Livestock

Centre Hall, Pa.

Tuesday, June 7, 1988

Report Supplied by Auction

BEEF COWS: UTILITY AND COMMERCIAL 47.50-51.00; CUTTERS 44.00-47.00; CANNERS 40.00-43 50; SHELLS 28.50.

HEIFERS: NOT ENOUGH TO TEST.

STEERS: GOOD 61.00-67.00; STANDARD 54 00-60.00.

BULLS: GOOD 57.00-58.50.

FEEDER CATTLE: 300-500 LBS. LARGE FRAME 62.00-73.00; 300-500 LBS. SMALL FRAME 60.00-65.00; 500-700 LBS. LARGE FRAME 61 00-68 00

VEAL CALVES: GOOD 100.00-108 00, STANDARD 91 00-99.00, UTILITY 80.00-90.00.

FARM CALVES: BULLS 105.00-147.00; HEIFERS 110.00-130.00.

HOGS: 49.00-51.25.

SOWS: 30.00-34.50.

SHOATS: 25-30 LBS. PER HEAD 18.00-25.00; 30-35 LBS. PER HEAD 26.00-33.00; 35-50 LBS. PER HEAD 35.00-47.00.

LAMBS: 68.00-72.00.

SHEEP: 14.00-18.00.

GOATS PER HEAD: 20.00-35 00.

ATTENTION:
90% GERMINATION BEANS ARE STILL AVAILABLE

Reel In The Big Ones.

When you plant DEKALB-PFIZER soybeans, you'll notice the difference. In front of you, where the beans you're combining are standing straight and strong. And behind you, where the bin is filling up faster than usual.

CX 326 NEW!
- Exceptional disease resistant to Phytophthora root rot, soybean mosaic virus and powdery mildew
- Excellent emergence
- Stands straight for high yields
- Early Group III maturity

CX 345
- Outstanding total peformance
- Excellent yields and standability
- Multi-race Phytophthora root rot resistance
- Superb harvestability, shatter resistance
- Medium Group III maturity

CX 415
- High yielding
- Multi-race Phytophthora root rot resistance
- Excellent standability with shatter resistance
- Resistance to soybean mosaic virus
- Early Group IV maturity

Big yielding beans. That's how we're earning our way on more of your acres

BEANS ARE AVAILABLE AT THE FOLLOWING DEALERSHIPS

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Daryl Alger Palmyra, PA 717-838-5154	**Gerard Nissley** Morgantown, PA 215-286-9029	**Klingerman Bros.** Bloomsburg, PA 717-784-4220	**Robert Stoltzfus** Cochranville, PA 215-593-5982	**E.H. Tindall** Lawrenceville, NJ 609-587-5740
George Coleman Elmer, N.J. 609-358-8528	**Marvin Kaylor** Annville, PA 717-865-2465	**M.G. Henninger & Son** Berrysburg, PA 717-362-3333	**Roy Stoner** Lititz, PA 717-626-8473	**Kervin Zimmerman** Myerstown, PA 717-866-7035

CONTACT THESE & OTHER DEKALB OR AGWAY REPRESENTATIVES FOR MORE INFORMATION

"DEKALB" is a registered brand name. Numbers designate varieties. As a condition of sale, please note statement of limited warranty and remedy on DEKALB-PFIZER GENETICS orders, tags and bags

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No. 2 Destroyer Of Rural Residences
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BEDFORD COUNTY 4-H & FFA BEEF PREVIEW JACKPOT SHOW

June 25, 1988

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Overall Champion Heifer, $250
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Dave Miller 814-623-2321
Susan Fox, Bedford Co. Extension
814-623-2000 Ext. 670
C.J. Furlong 814-766-3407
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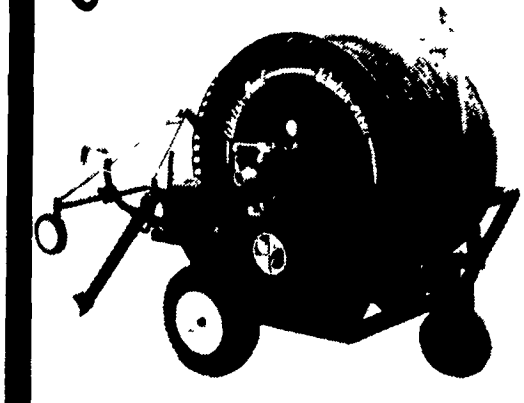

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Central U.S. Carlot

Pork Report
Wed., June 8, 1988
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 00 P M.

COMPARED TUESDAY'S 3:00PM CLOSE: FRESH PORK LOINS 14-18# 1.50-3.00 HIGHER; BOSTON BUTTS 2.50-3.00 HIGHER; SKD HAMS UNEVENM, 17-20# STEADY TO FIRM, 20-26# GENERALLY STEADY TO WEAK; SDLS BELLIES GENERALLY STEADY TO 2.00 LOWER.

TRADING SLOW FOR LIGHT OFFERINGS AND DEMAND.

US #2 175 LB. HOG CARCASS ADVANCED .79 TO $65.38 P/CWT.

LOADS PORK CUTS 26.00
LOADS TRIM/PROCESS PORK 11 00

PORK CUTS
OMAHA BASIS
LOINS, REGULAR
FRESH

14-18 LBS. 4.5 LDS. 111.00-115.50
18-22 LBS. 113.00 A
22/UP 87.00 A.

BNLS. CENTER CUT LOIN

0.5 LD 257.00.

TENDERLOINS

2/BAG 272.00 A.

PICNICS

4-8 LBS. .5 LD. 47.00.

BOSTON BUTTS

4-8 LBS. 4.5 LDS 77.50-82 50

SPARERIBS FRESH

1.5-3 5 LBS .5 LD 129 50
3 5-5 5 LBS. .5 LD. 103 00

SPARERIBS FROZEN

1.5-3 5 LBS. 129.00-131.00 B
3.5-5 5 LBS 1 LD 103 00
5 5/UP LBS 54 50 B

LOIN BACKRIBS

1 5/DN 5 LD 215 00
1 75/DN 5 LD 210 00
1 75-2 25 5 LD 205 00

HAMS, SKINNED, FRESH

14-17 LBS 65.50- A
17-20 LBS 1 LD 65 00
20-26 LBS 6 LDS 67 00
26-32 LBS 60 00 E
32/UP 56 50 57 50 A

HAMS, SKINNED, FROZEN

14-17 LBS 72 50 E

BELLIES, SDLS. SKIN ON, FRESH

10-12 LBS 47 00 A
12-14 LBS 1 5 LDS 48 50-49 00
14-16 LBS 1 5 LDS 48 50-49 00
16-18 LBS 47 00-48 00 A
18 20 LBS 1 LD 44 50
20-25 LBS 1 5 LDS 33 00-34 00

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH 2 LDS 28 00-31 25
BOXED FROZEN 30 00 A
COMBO 72% FRESH 2 5 LDS 70 00-72 00
BOXED FROZEN 1 LD 66 00

PICNIC CUSHION MEAT

BOXED FROZEN 98 00 A

BONELESS PICNIC MEAT

BOXED 72% FRESH 5 5 LDS 70 00-71.00

SKINNED JOWLS

COMBO FRESH 35 00 B

CURED & PROCESSED MEATS

HAMS, SMOKED, SKINNED, WATER ADDED

16-19 LBS 76.00-96.00.
19-23 LBS. 69 00-94 00.

PICNICS, SMOKED, WATER ADDED

4-7 LBS. 56.00-70 00

BACON, SLICED, VAC. PACK

1# PKG 104 00-172 00.

ABCDE AFTER QUOTES REPRESENT DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

Indiana Livestock

Homer City, Pa.
Thursday, June 9
Report supplied by PDA

CATTLE 214 Steers steady to .50 higher, cows steady, Choice steers 70 50-75 00; Select 66 50-70 00, few Standard 59 00-65 00, Choice heifers 68 00-73.25, few Select 64 50-68.00; Breaking Utility & Commercial cows 49 00-54 00, Cutter & Boning 46 50-50 00, Canner & Cutter 40.50-46 50, shells 27 00; couple Choice sl bullocks 65 00-65.50, few Select 63 00-64 50, Couple YG 1, bulls 1280-1560 lb 56 80 & 58 00, steers few Med 1, 500-700 lb. 60 00-70 00.

CALVES 142 Few Choice vealers 104 00-115 00, few Good 90 00-100 00, 90-120 lb 85 00-105 00, 60-85 lb 74 00-92 00, hol bulls 90-120 lb 102 00 130 00, beef cross bulls and heifers 85-110 lb 88 00 140.00.

HOGS 240 50-1.00 lower, 1-2, 218-250 lb 50 25-51 00, 1-3, 215-260 lb. 49 00-50 00, 2-3, 250-265 lb 48 00-48.35, sows 1-3, few 350-500 lb 33 50-37.50; few boars 29 00-41 00.

FEEDER PIGS 56 US 1-3, 25-30 lb 24 00-30 00, 45-55 lb. 39 00-41 00, per head.

SHEEP. 33 High Choice & Prime 75-86 lb. 66 00-67 25; Choice 90-95 lb. 62.00-63 50

GOATS: 5. 1 Large 55.00, few kids 11 00-15 00 per head

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, June 9, 1988

RETURN TO FARM CALVES 120 00-160 00
GOOD VEAL 89 00-110 00.
COMMON VEAL 70 00-88 00.
CHOICE STEERS 70 00-77.25.
SELECT STEERS 63 00-69.00.
COMMON STEERS 54 00-62 00
COMMERCIAL COWS 47.00-54.00.
CANNERS-CUTTERS 43 00-49 00
SHELLS 32 00-42 00
CHOICE HEIFERS 65.00-70 25.
SELECT HEIFERS 62.00-66 00.
COMMON HEIFERS 52 00-61 00
GOOD FEEDERS 70.00-88 00.
COMMON FEEDERS 50 00-69 00
BULLS 54 00 64.00
GOOD HOGS 51 00-54 00
HEAVIES 48 00-50 50
SOWS 30 00 34 00.
ROUGHS 25 00-26 00.

Greencastle Livestock

Greencastle, Pa.
Thursday, June 9
Report supplied by Auction

CATTLE 226 Sl cows mostly steady to .75 higher, few Choice holstein steers 66 00-69 00, few Select 61 25-66 10; few Standard 58 50-63 00, cows & Breaking Utility & Commercial 48.75-53 50; Cutter & Boning 49 25-53.85; Canner & Cutter 46.50 49 50, shells 42.00, YG 1, 1070-1900 lb bulls 56 75-65 50.

FEEDER CATTLE Few Med. 1, 680-780 lb steers 66 00-70 00, few Large 1, 500-1000 lb. steers and bulls 63.00-73 00, few Large 2, 465-725 lb 66 50-71 00.

CALVES 480 Choice vealers 108 00-120 00, few Good 100 00-107 00 Standard & Good 70-100 lb 92 00-106 00; Utility 55-80 lb. 80.00-92 00, hol. bulls 90-135 lb. 103 00-140 00; heifers 95-120 lb 105 00-120 00

HOGS 40 Lot 2-3, 247 lb. 47.00, lot 270 lb 42.00; sows 450-665 lb 34 00-36 00

FEEDER PIGS: 7

SHEEP 6 Few Choice 95-105 lb shorn lambs 52 00 58 00

GOATS 0

Central U.S. Carlot

Beef Report
Wed., June 8, 1988
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST, TEXAS AND OKLAHOMA) AS OF 3:00 P.M.

COMPARED TO TUESDAY'S 3:00 P.M. REPORT, CHOICE 4 STEER AND HEIFER CARCASSES $1.00 LOWER; OTHER CARCASS TYPES NOT ESTABLISHED WITH A WEAK UNDERTONE NOTED ON CHOICE 3. DEMAND VERY LIGHT, MOVEMENT VERY SLOW ON MODERATE SUPPLIES AND OFFERINGS.

0 LOADS OF STEER CARCASSES AND 0 LOADS OF HEIFER CARCASSES TRADED TO PACKER-PROCESSORS.

SALES REPORTED ON 6 LOADS OF STEER AND HEIFER CARCASSES.

HEIFER CARCASSES (3 LOADS REPORTED)

CHOICE 3

550-800# LATEST ESTB. MKT. UNQ.
500-550# LATEST ESTB. MKT. 101.00 A.
400-500# LATEST ESTB. MKT. 100 00 A.

CHOICE 4

500-800# 3 LDS. RANGE 94.00, LATEST ESTB. MKT. 94.00.

SELECT 1-3

550-800# LATEST ESTB MKT 98 00 A.
400-550# LATEST ESTB. MKT 84 00 A.

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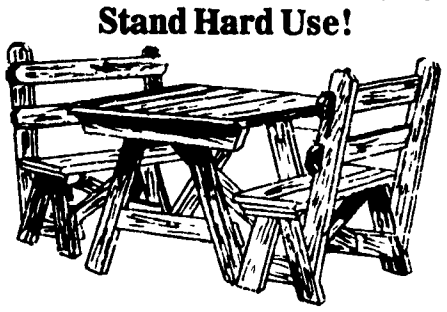

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Farmers Take Active Role In Dairy Promotion

WILLIAMSPORT (Lycoming) — "Milk and dairy products have been left to sell themselves. This is why I whole-heartedly support the American Dairy Association and Dairy Council's (ADADC) barn sign program," said David Litchard of Exchange, PA. Litchard and fellow dairyman Don Cook are just two of many dairy producers in Pennsylvania who are taking an active role in dairy promotion by placing billboards on the side of their barns.

These attractive 6'x10' aluminum signs display "Milk - America's Health Kick" in brilliant red on a glossy white background. Also displayed is the "REAL" Seal.

David Litchard first learned of this promotional opportunity through his milk handler. Since the Litchards are located along well-traveled Route 44, in Northern Montour County, they felt that it would be a perfect opportunity to help sell their own product. Both David and his wife Jean feel that it is very important for individuals to get involved in promotional activities.

Don Cook, of Drums, PA, feels much the same way. This active dairyman, who operates a 5th generation Century Farm, feels that the promotion programs that work throughout the state are a vital and invaluable part of marketing his product.

The Cooks, Don, Mary and 19-year-old Kenny, are located in the Cunningham Valley of Luzerne County. The valley has recently given rise to a host of new developments, a prime target for barnside promotion.

Both the Litchards and the Cooks urge dairy farmers across the state to get involved. The only requirements are that farms should be located on a well-traveled road, and that the barn is visible from the road. The signs are available to farmers in Pennsylvania, New York and New Jersey.

Two hundred signs have been distributed in Pennsylvania, New York and New Jersey. Quantities are limited, and signs are available on a first-come, first-serve basis. The signs are offered free to those who meet the requirements, and are guaranteed for five years. If you are interested, contact the Williamsport office of ADADC at (717) 323-2552.

ADADC is a dairy promotion association funded by 20,000 dairy producers from Pennsylvania, New York and New Jersey.

National Award For Young Jersey Dairymen

COLUMBUS, Oh — Nine winners from across the United States will be presented with the American Jersey Cattle Club's 1988 Young Jersey Dairyman Award. The recipients will be honored at an awards breakfast June 24 at the AJCC-NAJ Annual Meeting in Portland, Maine.

Winners are selected by the AJCC Board of Directors and must be under 36 years of age on January 1. Of the 40 nominees, the nine selected have excelled in dairy farming and Jersey cattle breeding and have participated in AJCC programs and Jersey activities.

Those receiving the award are:

Dennis & Judy Egelston and William & Debra Egelston, Glen Meadows Farm, Fultonville, N.Y.

Ralph & Faith Frerichs and Robert & Vonice Frerichs Frerichs Dairy, Inc., LaGrange, Texas.

Stuart & Debbie Lyon and Eric & Theresa Lyon, Lyons Jerseys, Toldeo, Iowa.

John and Linda Marcoot, Marcoot Jersey Farm, Inc., Greenville, Ill.

David and Robin Phillips, Irish Creek Jerseys, Mohrsville, Penna.

Dennis and Nancy Reinholdt, R & R Farms, Rochester, Ind.

Mark and Vicki Russell, Potters Brook Jersey Farm, Litchfield, Maine.

Tony and Marcella Russell, Russell Dairy Farm, Coquille, Ore.

Scott and Michael Wickstrom, Wickstrom Jersey Farm, Inc., Hilmar, Calif.

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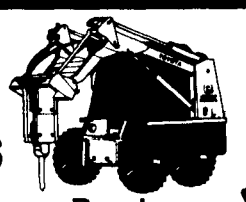
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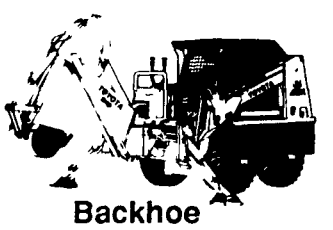
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Larry Aumiller Lemoyne, Pa 717/763-0980 717/667-2373	Rich Desmond West Chester, Pa 215/431-7503 302/322-1232	Harry Patrick 717/838-3307 Larry Breault Wilkes-Barre, Pa 717/825-2789

A COMMITMENT TO AGRICULTURE.

The Hamilton Bank Agri Finance Department Team (left to right) Darvin E Boyd Vice President and Director Jeffrey R Troutman Assistant Vice President John E Moose Vice President and Assistant Director Roger Rohrer Assistant Vice President Ted Bowers Agri Finance Officer This team is supported by another knowledgeable team of bank Marketing Managers working with you throughout Hamilton Bank s seven county servicing area

AN EXPERIENCED TEAM WITH AN AGRICULTURAL BACKGROUND.

Hamilton Bank believes that agriculture is the backbone of America In Pennsylvania, agriculture is our number one industry

We recognize the significant role farm and Agri-business plays in contributing to a viable economy That is why Hamilton Bank is so interested in supporting agriculture

Your friend from Hamilton Bank knows that with the value of agricultural production rising every year the need for capital goes up with it Therefore, the need for sound financial planning rises, too He will work with you on the full range of financing, credit, trust and estate services designed to help your business

Hamilton Bank's business is to tailor a program to fit your needs comfortably

If you believe that agriculture is still the backbone of America, talk to your friend at Hamilton Bank You'll find he feels the same way

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CONGRATULATIONS TO THE BRUBAKER FAMILY FOR THEIR COMMITMENT TO AGRICULTURE AND THE DAIRY INDUSTRY.

Hamilton Bank believes The Family Farm is the Backbone of Agriculture On behalf of all dairymen we are pleased to salute the success of the 1988 Master Farmer John A Brubaker Jr and his family from Sadsbury Township just south of Christiana Borough in Lancaster County The Brubaker s Knott Run Farm is a 135-acre 63 cow dairy farm with a rolling herd aver age of approximately 22 500 pounds of milk a year Pictured left to right are Suzanne Trower Darvin Boyd and John Moose from the Agri-Finance Department of Hamilton Bank the Brubaker family — John and Barb and their children Eric John Michael Andrea and Jill and Roger Rohrer Jeff Troutman Pat Trout Ted Bowers and Karen Dinkel from the Agri Finance Department of Hamilton Bank

A SALUTE TO DAIRYMEN. EVERY MONTH IS DAIRY MONTH WITH US.

In June a lot of people pay tribute to dairy farmers because it's National Dairy Month.

At Hamilton Bank, we feel you deserve credit a lot more often than that. Managing a successful dairy operation requires working capital all year round. So we're here to help you meet your capital requirements whenever you need us.

Dairy is the major agricultural enterprise in Pennsylvania and accounts for 41 percent of agricultural cash receipts. The total annual volume of dairy production for our seven-county area is $449 million. This represents 34 percent of the yearly production for Pennsylvania Now that's a record you can point to with pride, and we're proud to be able to help — any way, any time. At Hamilton Bank, every month is dairy month!

Contact your local office for complete details on Hamilton Bank Agri-Finance Programs.

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Herd Health Program Can Return $30,000 To Dairy Producers

SCHAUMBURG, IL. — By implementing a herd health management program in just two key areas--nutrition and replacement heifers--dairy producers can increase annual income from a 100-cow herd by $30,000 or more, dairy practitioners have reported to the American Veterinary Medical Association (AVMA).

Annual economic returns from instituting a comprehensive herd health management program in the same model 100-cow herd--including mastitis control, improved reproductive management, calf care, and parasite control--could reach $68,685, according to Jenks S. Britt, D.V.M., of Russellville, Ky.

Nutrition management programs produce economic returns for dairy producers in two ways, explained Keith E. Sterner, D.V.M., Ionia, MI. Nutrition management can reduce the dairyman's largest single cost--feed costs represent 40 to 60 percent of the total cost of production--while at the same time increasing milk production.

For example, Dr. Britt studied a herd producing 14,000 pounds of milk per cow. By using computer analysis to improve feed efficiency, it was possible to increase milk production by three-pounds per cow or produce the same amount of milk on less feed. Increased income was $10,980 (3 lbs. X 12¢/lb. X 100 cows).

Dr. Sterner said a replacement heifer program consisting of careful monitoring and management of growth can move the time it takes a heifer to calve for the first time from 27 months to 24 months, producing a one time income increase of $18,000. Using similar methods, Dr. Britt reported increased milk production of $19,440 and reduced feed costs of $3,600 by lowering the calving age of a herd from 28 to 24 months.

Dr. Sterner said it is not unusual to have a dairy herd where heifers first breed 18 months after birth, not calving until 27 months. Some heifers do not calve until they are three years old, he said.

Opportunities to improve nutritional efficiency have increased markedly in recent years with new knowledge and the use of computers to assess herd nutrition, said Joseph E. Milligan, D.V.M., Millersville, MD, who is secretary-treasurer of the American Academy of Veterinary Nutrition.

Dairy practitioners begin by assessing herd's nutritional status, using laboratory analysis of feed samples, blood tests and other forms of measurement. The diet can then be changed with the objective of increasing the hereditary capability of the animals to produce milk, Dr. Milligan said. Today's management methods make it possible to develop a formula that will tell the dairyman at what precise point it will not produce an economic benefit to feed cows more, he said.

The veterinarian brings the dairy producer two key advantages as a consultant on nutrition, Dr. Britt said. First, the veterinarian is not selling feed or supplements, so he provides an unbiased point of view. Second, the veterinarian has the training and knowledge to look at total animal health, considering what the animal is fed in relation to production goals and assessing the effects of disease, environment, and genetics on productivity.

Here is how Dr. Britt's herd health management program increases the dairy producer's income and reduces costs, using a milk price of $12 per hundredweight, slightly less than current prices, and presuming each cow has a 60-day dry period each year:

NUTRITION: $10,980

MASTITIS CONTROL:

• Reduce somatic cell count in a year from 800,000 to 200,000, resulting in an increase of 3 lbs. daily in milk production:

• 3 lbs x 305 days x $.12/lb x 100 cows=**$10,980**

REPRODUCTIVE HEALTH:

• Lower calving interval from 14 to 13 months;

• Net cash flow: 30 days shorter interval @ $2 per cow per day = 30 X $2 X 100 **$6,000**

HEIFER REPLACEMENT:

• Lower calving age from 28 to 24 months;

• Feed cost savings of $1/day X 120 days X 30 heifers=**$3,600**

• 120 days more milk from 30 heifers (45 lbs./day @ 12¢/lb.)=120 X 30 X 45 X .12= **$19,440**

CALF RAISING:

• Reduce mortality rate from 20% to 5%;

• Save 7½ bull calves @ $70 ($525) and 7½ heifer calves @$200 ($1,500)= **$2,025**

• Additional bonus from lower death loss of a net 50 heifers born. Keep 30 and milk. Sell 12 for dairy purposes @ $1,000 **$12,000**

PARASITE CONTROL:

• Control internal parasites by deworming and external parasites by various methods, adjusted for seasons and conditions;

• Increase milk production by 1 lb./cow/day x 305 days x 100 cows = **$3,660**

TOTAL CASH FLOW $68,685

"We used a model herd to exemplify the combined health problems that herds might incur. The combination of nutrition and calf-heifer care yield the greatest economic increase to the dairyman. When veterinary services are used strategically as part of a total management program, dairy producers can significantly increase income," said Dr. Britt.

Maryland, West Virginia To Sell Regional Mountain Fresh Produces

Maryland and West Virginia farmers are working together to sell "Mountain Fresh" produce in a unique cooperative effort designed to encourage farmers to participate in direct marketing of cool weather produce, according to Henry A. Schmidt, director of marketing and agricultural development services at the Maryland Department of Agriculture.

Garrett County, MD and Preston County, W. VA, mountain tablelands have a long tradition of producing fine quality cool weather crops, including cauliflower, broccoli, spinach, lettuce, brussel sprouts, green beans and sweet corn, according to Jim Simms, Garrett County extension agent and acting chairman of the Mountain Fresh Produce Association.

The Mountain Fresh Produce Association, formed by local farmers and enthusiastically supported by the Garrett County Development Corporation, was formed to stimulate growing and marketing of produce locally. According to Tom Jones, county economic development director, surveys of retailers and local restaurants conducted over the last several months by the association produced promising results, and the tremendous increase in recreation and tourism traffic around Deep Creek Lake make it a natural marketplace for locally grown produce during July and August.

"We are very glad to be able to help in this great cooperative effort between state and county agencies and the real star — the farmer," said Schmidt. "The Maryland Department of Agriculture has a tradition of working closely with the extension service, and we look forward to helping launch this exciting regional promotion," he said.

The Mountain Fresh Association is looking for interested members. Adult membership is $10, Youth Membership for 4-H, FFA, or any interested youth under age 16 is $5. Applications are now available. In Maryland, call Jim Simms, Garrett County Extension, (301) 334-1990 or Tom Jones, Director, Garrett Co. Development Corp., (301) 334-1920. In West Virginia, call Tom McConnell, Preston Co. Extension, (304) 329-1391.

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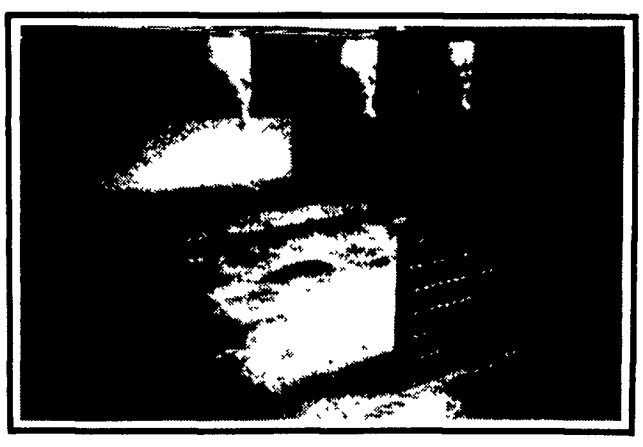

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Lancaster County Poultry Association Is Looking For Queen

LANCASTER — The Lancaster County Poultry Association is accepting applications for its next queen. Eligible young ladies will be single, have completed their junior year of high school and be no older than 23 at the time of the contest. Contestants may be an association customer, employee, or member of an employee's family.

The queen will receive either a $500 educational scholarship or $300 in cash as well as a $150 wardrobe. The runner-up will receive either a $300 scholarship or $150 in cash. All contestants will receive a watch.

This year's contest will be held at the Farm & Home Center on August 5 at 6:30 p.m.

Anyone interested in becoming a contestant or would like more information, should contact Milton B. Landis, chairman, R# 2, Box 347, Parkesburg, PA 19365; 442-8750.

Weed Control To Be Discussed At Field Day

UNIVERSITY PARK, PA — Although weeds aren't as much of a problem in winter seeded small grains as they are in corn and other row crops, they can still cause significant yield losses. Growers can learn new ways of controlling weeds in small grains at Penn State's Agronomy Field Day on June 22.

The event will be held at Penn State's Rock Springs Agricultural Research Center from 9:30 a.m. to 4 p.m.

"Winter annuals such as chickweed, field pennycress and henbit are the most common weeds that plague small grains," says Bob Hartzler, associate professor of weed science. "These plants have similar life cycles to that of the small grain, germinating in late fall and flowering in the spring. Many people have noticed an increase in these weeds, possibly because of changes in tillage and other production practices."

Field scouting has not been a common practice in making weed control decisions in row crop production for two main reasons, says Hartzler. First, weeds are consistent in crops such as corn and soybeans, so farmers know the weeds will be there. Second, weed control systems in most row crops use preemergence herbicides as the primary component. Since these are applied before weed emergence, it is difficult to use scouting in the decision-making process.

But because of the more erratic emergence of winter annuals and the reliance on postemergence herbicides for weed control in small grains, scouting is a key component of weed management in these crops, Hartzler says. Routinely spraying wheat, barley or oats without assessing the level of weed infestation will rarely be profitable.

Hartzler will be available at the Agronomy Field Day to answer questions about scouting to control weeds in small grains. For more information about the field day, contact Penn State agronomist Lynn Hoffman at (814) 692-7955.

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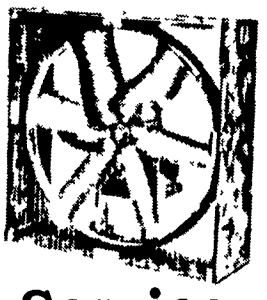

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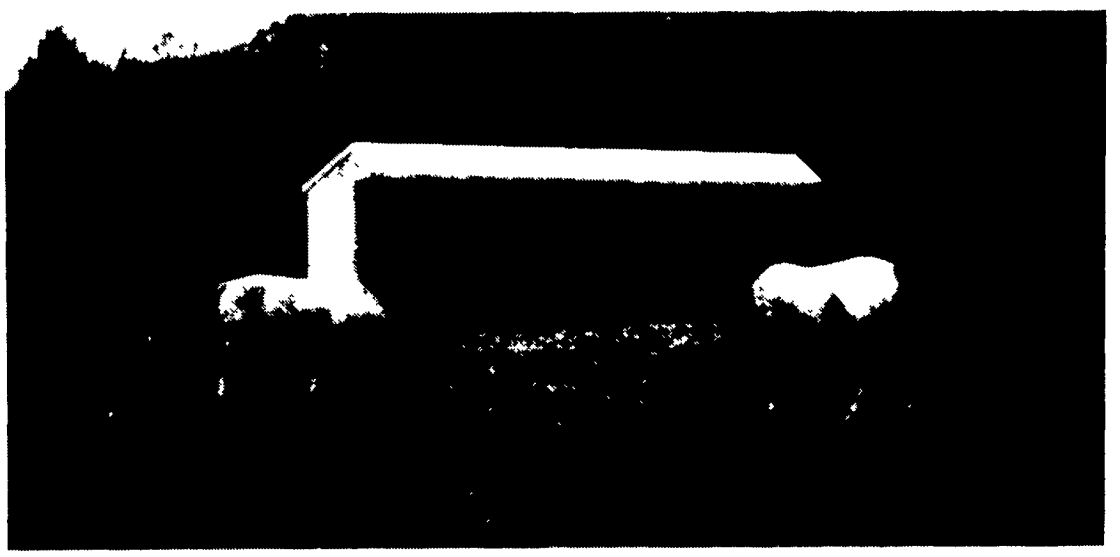

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Farmers Call For Probe Of CCC

HARRISBURG (Dauphin) — The Pennsylvania Farmers Union, along with a national alliance of dairy farmers and anti-hunger groups, concerned with USDA price manipulations, are petitioning the Senate Agriculture Committee, calling for an examination of the Commodity Credit Corporation, the group that determines surplusses and shortages for the Department of Agriculture.

At the core of the farmers' grievances are two seemingly contradictory actions by the USDA in the past several months. As of the first of the year, milk prices were cut by 50¢ per hundredweight because of a government-projected milk surplus, yet a month later, distribution of dairy products to low-income families was terminated because of a milk shortage.

"It seems ridiculous," said Jack Rynd, Chairman of the Pennsylvania Farmers Union Dairy Committee. "Dairy is cut off to those who are deserving when there's confusion over a surplus. We're talking about seven and a half billion pounds of dairy products in CCC warehouses, which may seem like a mountain, but that can disappear in sixty days. There should be an investigation on whether we have a surplus or a deficit."

At present, the USDA counts all government dairy purchases from the CCC, even those for schools, senior and emergency programs, as surplus. Farmers are penalized with a price reduction because of a so-called "surplus" while low-income families must do without because of an unsubstantiated "shortage."

Interested citizens should contact their congressmen, or call Senator Patrick Leahy, Chairman of the Agriculture Committee at (202) 224-4242.

The Pennsylvania Farmers Union represents over 4,500 family farmers in Pennsylvania.

Cut Hay-Making Risks With This Seven-Step Plan

BY DAVE DOWLER
Mercer Co. Extension

MERCER — Far too many farmers and scientists see nothing but uncertainties when it comes to forage harvest. When should I cut? If I cut now, what will be the weather during drying? If I wait, will quality be higher than if the hay is rained on now? Would it be better to store as low moisture silage, or bale? When should I bale?

Those are some of the traditional questions. More recently some have been added to them. Should I use a drying agent, a preservative, or both? Which one should I use and how much?

We have devised a seven-step plan in Wisconsin that can turn these and other uncertainties into risks that can be ensured against and be managed. Generally, making low-moisture silage is the best way to manage these risks, especially with the first cutting, or cutting made in the fall.

With this hay making plan you may not always be able to make hay in a day, but you will better know what you are doing when you follow it. And, you should be able to harvest a high-energy and high-protein crop for feed and for sale.

Right day to cut?

The greatest uncertainty associated with hay and low-moisture silage production is the weather. The crop is ready for harvest of high-quality forage now. How much quality do I lose for each day I delay cutting? Is it better to cut a little early or a little late to avoid wet weather? Will the rain hold off until the crop is dry enough to bale or ensile?

It takes about 30 sunshine hours to field-cure non-conditioned hay in the Midwest. In spring this is about 4 days. It increases to about 3 days in the summer. Check your weather records to determine the uncertainty (chances) of receiving 3 or 4 days without rain. In Wisconsin this is about a 25% chance-pretty low betting odds.

Effective mechanical conditioning may remove up to 2 days from this drying time.

Dry matter losses in the field range from 16 to 50 percent, depending on when and how much rain occurs, the moisture content, and the type of bale.

Quality losses may be even greater. Wisconsin studies show that 1 inch of rain in the first 24 hours after cutting reduced carbohydrates (TNC) 20%, increased neutral detergent fiber (NDF) 20%, and dropped relative feed value (RFV) on early cut alfalfa 14%.

The same amount of rain on nearly dry hay reduced TNC 56%, increased NDF 45%, and lowered RFV of the same alfalfa by 30%.

Energy was leached out, leaving a higher concentration of fiber which resulted in lower digestibility and intake. These losses occur in the form of leaf loss, respiration, and leaching of nutrients from the plant.

Your conditions may not be the same as they are in Wisconsin. Your weather may be more predictable; or perhaps less predictable. You may be less likely to have grass or weeds mixed with your legumes. Even so, much of this plan will still be valuable to you.

The plan

The plan involves seven steps that integrate known technology into a system that elminiates as many days of field drying as possible. If we can eliminate 3 days of drying, the remaining day becomes only a "risk" which can be managed for. Here is the plan:

1. Cut early

Forages must be cut early (bud stage for alfalfa, as heads emerge from the boot for grass, etc.) to obtain optimum feed value, animal performance, and/or price. There is no substitue for this first step.

As the accompanying table shows, digestibility dropped about 0.4% per day and intake per percent body weight dropped about 0.04% per day, resulting in a loss of 1 lb. of milk per day, when alfalfa was left growing after the bud stage of maturity. In this study, bud-stage alfalfa was worth $156, $186, $207, and $331 per ton when fed to cows producing 80 to 100 lbs. of milk per day on 80:20, 63:37, 46:54 and 29:71 forage; grain rations, respectively, and where mid-bloom alfalfa was given a zero value.

Farmers often delay cutting after the crop is at the proper stage hoping for "better weather." However, a study in New York showed it was more advantageous to cut early and take a chance on the weather than to wait until the crop matured and lose most of the quality produced. Cows fed early cut, weathered hay produced 4 more pounds of milk per day than those fed late-cut, non-weathered hay.

Using newer technological advances in a hay making system can help farmers capture the higher feeding value available in early cut forage without experiencing the field and weathering losses from rain.

Hay auction prices range from $16 per ton for manture hay (low in quality according to Wisconsin Quality Tests) up to $185 per ton for high-quality hay. So whether you feed the hay or sell it, you are far better off to cut it as early as you can.

2. Condition the crop

Leaves dry rapidly; intact stems do not. Unless you do something to crack those stems open so the moisture inside can get out, you will have many of the leaves on the ground before the stems are dry enough to bale or ensile. The result will be a forage made up mainly of stems. However, crushed stems-even large ones-will dry almost as rapidly as small leaves.

Even if leaves remain on the stems, their quality will be higher if they dry quickly. At 80% moisture when cut, respiration will cause a 2% loss of feed value per hour. However, at 30% moisture this loss is zero.

Conversely, mechanical loss of leaves and fine stems range from 0.5% of the dry matter per treatment or operation at 80% moisture, and will increase to 2.5% of the dry matter per treatment at 20% moisture. Thus, the farmer needs to have the forage dry rapidly with little mechanical movement.

As well as cutting the crop early in its growth cycle, cut it early in the day and crimp it so it will have ideal conditions in which to dry. A crop that is cut in late afternoon or evening will do little or no drying through the night, but lots of respiring. Your losses can be high.

The conditioner works best when the roll speed is 2 to 3 times faster than the ground speed. Set the tension so that the stems are being cracked. Meshing or fluted rolls should not touch. See the operator's manual for proper adjustment of your machine. Have you checked your conditioner lately?

3. Use a drying agent, too

Using a dessicant, or drying agent, as it is sometimes called, along with mechanical conditioning can reduce the moisture content an additional 2 or 3 percentage points to as much as 10 percentage points during a 24-hour drying period. This dessicant or chemical conditioner is applied to the entire stem and leaves as the crop is being mowed.

Several chemicals can be used for chemical conditioning. These include potassium and sodium carbonate (both alkaline salts) and sodium silicate. These are all naturally occurring salts.

Some other products containing methyl esters of fats, vegetable oils, and animal fats to enhance the rate of drying are under study for possible use as dessicants. Recent research in Michigan has shown that these products work no better than potassium or sodium carbonate alone.

Since the crop is standing when dessicants are applied and won't be cut until a few milli-seconds later, some dessicant materials may be labeled by the EPA as pesticides because of claims made by the companies. Check with your state regulatory authority for their interpretation of this point.

Dessicants are most effective when applied as a spray at the mower-conditioner. Some researchers have suggested placing the spray nozzles behind the reel and ahead of the conditioning rollers. It is difficult for the operator to monitor the nozzles when they are there, so application may not be as uniform.

A roller conditioner works better than a flail-type conditioner for this purpose. The rollers seem to help spread the materials evenly across the surface of the cut material.

The application rate should be at least 30 gallons per acre for good coverage, which means you need to haul a lot of water to the mower and through the field.

Recommended amounts of chemical include 5 lbs. of potassium carbonate in 30 gallons of water to 7 lbs. of either potassium carbonate or sodium carbonate per acre in 30 gallons of water. We suggest 7 lbs. The cost of potassium carbonate ranges from about 25¢ to 45¢ per lb. Thus, the recommended application would cost between $2 and $4.50 per acre, which would work out to about $1 or $1.25 per ton of forage harvested.

When relative humidity was 80%, we found no practice will speed the drying process. But when humidity was 20%, all treatments were equal in enhancing the drying of the forage. They have been more effective in second and third cuttings than at the first.

Chemical conditioners vary in performance mainly because of environmental conditions. Sunlight, humidity, and wind are the keys. If laundry won't dry on a clothesline on a particular day, hay will not dry in the field that day; it is as simple as that.

Any cut hay will rewet to some extent from dew through the night. Studies have shown that crimped hay and chemically treated hay seems to rewet faster during the night. It will dry out faster again the next morning after the sun comes up, however.

4. Windrow design

Crimping and chemical dessicants will permit water to leave plant stems rapidly. Heavy windrows, just like clothes piled in a basket, inhibit this moisture from dissipating into the air. In a Wisconsin study, two windrows, one twice as wide and thick as the other, had moisture concentrations of 67% and 25% respectively, 7 hrs. after cutting.

To continue the analogy of clothes drying for a moment; clothes will not dry when they are piled in the laundry basket; they need to be spread out on the line. In the same way, a narrow, thick windrow will not allow hay to dry nearly as rapidly as will a wide, thin one that exposes more of the forage to sunlight and drying winds. Make your windrow just as wide and thin as your baler or chopper can handle.

To avoid leaf loss, do not turn or ted hay after the moisture percentage falls below 40 to 50%.

5. Know the moisture

Don't guess the moisture percentage; measure it so that you can know for certain. Several electronic devices are available, but we believe you can best use the oil bath method or a more desirable microwave oven method. Specifics on these methods are available from county extension offices or the ag bulletin office in Wisconsin and many other states.

You won't be able to apply the proper rates of preservatives & spoilage will occur if you don't know the moisture percentage. Check several places in the windrow because dandelions and other weeds will cause a variation in moisture.

6. Bale at higher moisture

Use of chemical preservatives such as propionic acid allow you to bale at higher moisture percentages than you can without them. This, too, lets you get the hay out of the field more quickly. Research in Michigan, Minnesota, Pennsylvania, and Wisconsin has come up with the following guidelines for preservative use:

- High-moisture alfalfa hay(25 to 30% moisture) treated with an adequate amount of organic acid preservatives and baled properly, had quality comparable to that of heat-dried hay.

- When preservatives were used, harvested yeilds averaged 140 to 300 more pounds per acre because the hay had experienced less field loss due to leaf shatter and reduced exposure to adverse weather.

- Chemically treated hay had less temperature rise in storage than untreated hay baled at the same moisture. Thus, heat damage was reduced. When 25% moisture hay was stored without preservatives there was usually mold growth.

- Hay in small bales continues to dry in storage until it reaches an equilibrium moisture of about 11%. There is, of course, shrinkage during this moisture loss, so it is not recommended that you bale if the moisture is greater than 30%.

- Treating and baling at 25 to 30% moisture allows the operator to start baling earlier in the morning and to continue later into the day. Baling with perservatives can begin 12 to 24 hours earlier than baling without preservatives.

- Some growers consider big-bale silage to be a short-term alternative if rain threatens. Large round bales can be baled at 40% moisture and either stacked and covered or stuffed into individual plastic bags. Although other articles published in this magazine have outlined advantages for this practice, there are also disadvantages. For one, these bales tend to flatten out and fall apart. You need nearly twice as much twine to maintain a firm package. Silage bales also are difficult to move. Bag quality is a major drawback. Some have small holes even when new, and some will split at the seams or tear quite easily. Sunlight (ultraviolet radiation) can cause deterioration of some types of plastic. All of the above can lead to spoilage. Scientists in Kentucky have found that fermentation is poor. Thus, preservatives are probably needed. If rain is approaching, though, you could apply acid at the 2% rate (40 lbs. per ton) and store 40% moisture hay in large plastic bags if you are mindful of the above precautions.

7. Mow drying

Some growers are including mow drying to help assure high-quality hay. Adding mow or barn drying to the haying system- using unheated air - appears to be an important component for certain areas, such as northern U.S., where seasons are short, rain is frequent, and temperatures are relatively low. The addition of heat from a solar collector or other sources may further reduce drying time.

In some areas where it was possible to make only two hay cuttings per season, the operators are making three cuts and storing as low-moisture silage instead of hay. The same three cuts could be accomplished by baling at high moisture contents, using a preservative, and barn drying.

Mow drying has a number of advantages:

- Bale at 30 to 35% moisture to reduce leaf shatter.

- Cut preservative rates in half if they are applied properly.

- Permit proper curing of hay that varied in moisture when baled.

- Solar drying can permit greater flexibility in the system.

-Both large round and small square bales can be dried if the equipment is properly designed.

If you go this round, don't put more forage in your dryer than you can dry in 4 to 6 days.

The costs of mow or barn dryers can vary. One Wisconsin farmer put a dryer in his mow for a total investment of $4,000. This averaged out to $3.50 per ton of hay. Another spent $26,000 giving him a fixed cost of $15 per ton.

Design the dryer to deliver no less than 500 cubic feet of air per minute per ton of stored hay. The cost of electricity for the fan averages $3 to $3.50 per ton.

Economics

The costs and return from this system are outlined in an accompanying table. As you can see, using the cost assumptions that we did, the system will not pay for itself when there is no rain and is barely economical when there is

(Turn to Page A25)

Alfalfa quality and relation to animal performance.

Stage of quality	CP	Composition-% ADF	NDF	DDM %	DMI %Bwa/lbs/dy.b	4% FMC
Pre-bloom	21.1	30.2	40.5	62.7	2.08	87.1
First flower	18.9	33.0	42.0	61.6	1.97	77.2
Mid-bloom	14.7	38.0	52.5	54.8	1.48	66.2

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Dairy Policy — What's Workable And What Isn't

BY
CLYDE E. RUTHERFORD,
President
Dairylea Cooperative Inc.
Chairman, National
Commission on Dairy Policy

Now that the National Commission on Dairy Policy has made its report to Congress, it's important that all of us dairy farmers try to cut through the "political" criticisms and try to understand what the Commission REALLY said.

The Commission did not say that regions shouldn't work to develop advantages in marketing their milk. The Commission only rejected the idea that it is possible (politically OR economically) to divide up the dairy support purchase program by regions. It is just political wheel-spinning to believe that such a program, pitting one region against another, could ever get through congress or be approved by any administration. It is not DO-able! Let's spend our time and efforts on things that CAN be done.

REGIONALISM THAT WORKS

Here in the Northeast, we have 21 percent of the nation's population. If we include Ohio, Delaware, Maryland and Washington, D.C., we have 30 percent of the population reachable in one day by delivery truck. That's just part of our market!

If we want to talk "regionalism," let's talk about the fact that 50 percent of the U.S. population lives in the area from Maine to Florida and west to Ohio. It's an area which, if we calculate consumption of milk (all products), requires a total of 68 billion pounds of milk annually. But within that area we produce only 47 billion pounds. Therefore, we have a regional deficit of about 21 billion pounds.

Dairylea considers that "region" of about 115 million people to be our natural marketing area. Our approach to "regionalism" is to sell products made from milk produced in the Northeast in that 22-state region. Dairylea trucks now move regularly from central New York (where our plants are located) into states beyond what we normally call the Northeast.

MARKETING MEETS DEMAND

The Commission recognized the long-term value of this kind of "regionalism" which stresses marketing and flexibility to meet consumer demand, as opposed to trying to build walls and other barriers to interstate commerce. The Northeast is a very attractive market to dairy producers in other parts of the country. The law and the Constitution will not permit us to use any device, political or physical, to exclude products from other parts of the nation being marketed here. Our job is to OUT-COMPETE those products. And we can!

The Commission also has asked for an economic formula for setting the dairy support price. Getting politics OUT of the price setting mechanism, as much as possible, will make the system work more quickly and dependably.

LARGE VS SMALL

The question of what is (or isn't!) a family farm was also addressed by the Commission. The conclusion was reached that size alone does not define a family operation. We have farms of 30 cows and farms of 3,000 cows . . . each owned and actively operated by a family. There have always been those who want to drive a wedge between the large farmer and the small farmer, but such divisiveness only makes matters worse . . . and it is the exact opposite of what we consider the American way. The ability to grow (and to fail if that is what results) is woven into the fabric of a free society. We shouldn't attempt to change it. The Commission recognized this, and it also recognized that government programs, such as FmHA, should not be operated in such a way as to create a type of subsidized competition for farmers who are not beneficiaries of special loan privileges.

The bottom line is: let's update government programs to make them more even-handed; let's keep those programs that have proved their value to the dairy industry and the nation; and let's deal with regionalism on a practical basis through farmer unity in pricing (RCMA), better and more profit-oriented milk production, some consolidations of organizations where benefits are evident, and MARKETING.

Cut Hay-Making Risks

(Continued from Page A24)

relatively small amount of rain early in the drying cycle.

What are the chances of no rain at the time when conditions are best for drying? In our area, between 1 and 3 and 1 in 4. Therefore, we recommend the system in Wisconsin.

The return situations C and D in the economics table are sufficient to pay for mow or barn drying, particularly if you cut back a bit on your preservative costs.

Estimated costs and returns per ton for use of hay making technologies in several rain damage situations.

Rain Situation	Added loss from Rain Total DM loss	DM %	DM lbs./T	CP lbs./T	Value a/ Cp/T	Cost of Tmts	Returns Over Cost
A. No Rain	9.6		142	44.4	$10.10	14.75	loss
B. One inch rain in first 24 hours	20.2	10.6	212	66.4	$15.10	14.75	.35
C. Average all rain damage situations	24.6	16.	300	93.9	$21.35	14.75	$6.60
D. Heavy rain damage 1.5 to 2.5 inches rain	50.5	40.9	818	256	$58.10	14.75	43.35

a/SBOM = $204.60/Ton

Barnes To Officiate At Judging School

STATE COLLEGE (Centre) — Dr. Michael Barnes, Associate Professor of Dairy Science at Virginia Tech, will be the school official July 6-9 for the Pennsylvania Junior Holstein Judging Schools.

Dr. Barnes is a native of Connecticut and received his degree in reproductive physiology from the University of Connecticut. Since finishing his schooling, he has operated his own Holstein herd and subsequently has served on the faculty at Clemson University and at Virginia Tech where he has been responsible for teaching and research in the area of physiology, and has served as academic advisor, dairy club advisor and judging team coach. He has coached 4-H and two-year Ag school teams and college judging teams at three universities during the past twenty years. In 1984, he was honored to coach the national championship team from Virginia Tech.

Dr. Barnes continues to act as official judge for several dairy shows each year and is routinely involved in conducting youth cattle judging workshops.

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Got A Farm Management Problem?

BY PAT PURCELL

LANCASTER — Exciting is rarely the word which comes to mind when the conversation turns to taxes, debt load, debt restructuring, loans, estate planning, capitalizing expenses, etc. Groans are more likely to be associated with those topics.

Through the newly created positions made possible by state funding, there is help for Pennsylvania farmers who need solutions to farm management problems. This includes just abut anything from financial planning to farm production. Four multi-county farm management agents have joined the cooperative extension team and are ready to serve the farmers through out much of the state. They hoping to turn farmers' groans over management problems into sighs of relief.

"I think we are all excited about the positions. It gives us an opportunity to work one on one with the farmers," said Alan Strock, farm management agent for Lancaster and Chester counties. "Our number one priority is to show farmers ways to keep better records on crops, production, expenses, both on the farm and family living expenses, and where they need to make some changes and how they can do that to increase their profitability.".

The new farm management agents and their counties are:

Alan Strock: Lancaster, Chester

Bruce Kreider: Lebanon, Berks and Dauphin

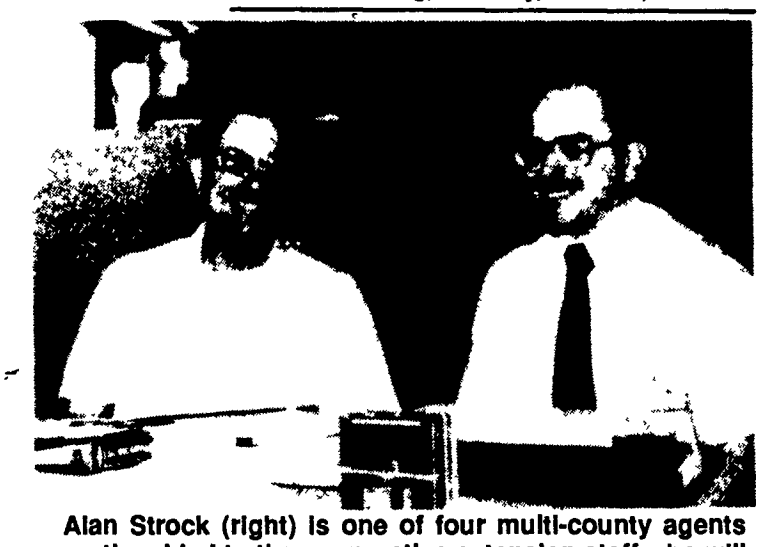
John DeFassio: Northhampton, Schuylkill, Lehigh

Roland Freund: Adams, Franklin, Cumberland.

The addition of the new positions will alleviate part of the workload from the county agents who have been assisting farmers in the area of farm management as well as in their areas of specialization, such as agronomy, dairying or livestock. According to Strock, the farm management agents will be working closely agents in all areas of specialization to make available the farm management service to all farmers. Smart money management, continues to rise to the top of the priority list in successful farm management.

"Those days are gone when a guy can go out and work hard for 15 hours a day and think things will take care of themselves. That won't do it anymore," said Strock. "You've got to shop around for interest rates before you buy that new tractor. Or buy fertilizer and seed in September to get the discounts. There's ways out there to save money that people just aren't doing."

Checking interest rates on loans with different banks is as easy as getting on the telephone and making the calls, Strock noted. Although many farmers may feel a sense of loyalty to their bank, when it comes to the savings on interest rates, a change of banks can save the farmer a nice bundle.



Alan Strock (right) is one of four multi-county agents recently added to the cooperative extension staff who will assist farmers in the area of financial planning and farm management. Strock, studying crop reporting records with Lancaster County Agronomist, Bob Anderson, will be working closely with dairy, livestock and agronomy agents to help farmers solve financial problems.

"You're financing a piece of machinery. On a $25,000 loan at 18 percent the payment per month would be about $635 for five years. At 10.5 percent the payment would drop to $537 for five years and you can find banks with loans at 10.5 percent," explained Strock. "That is a savings of $5,850."

At first meeting the farm owners will need to set aside several hours for the initial interview. The farm management agent uses this time to do a farm analysis.

"The financial health of the farm operation will show the farmer where changes are needed. First we need to know the physical assets and available resources," explained Strock.

Pennsylvania cooperative agents have begun training on the new computerized financial program created in Minnesota called Finpack. Thirty of the fifty states, according to Strock, are using the analysis program and Pennsylvania agents should complete training this year.

Finpack is a detailed financial analysis package which provides farm owners with a quick and efficient method of utilizing information. It is divided into four parts which covers long range planning, cash flow, and a financial analysis. The fourth part examines effects of changes or additions to the farm operation.

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Cline, Bill	Clear Brook, VA	Independent	1 - 19,000 Duracage Remld
Co-Hen Farms	Dayton, ME	Independent	1 - 80,000 SSS Cage New
Cobb, Frank	Red Lion, PA	Wenger Feeds	1 - 32,000 D P Cage Remld
Cotner Farms	Danville, PA	Independent	2 - 81,000 Duracage New
Decoster Farms	Turner, ME	Independent	15 - 70,000 SSS Cage Remld
Eisenbeis, Jeff	Hershey, PA	Wenger Feeds	1 - 66,000 Duracage New
Fetteruolf, Charles	Hegins, PA	Wenger Feeds	1 - 92,000 Duracage New
Glenwood Farms	Jetersville, VA	Independent	5 - 101,000 SSS Cage New
Indiana Farms	Indiana, PA	Independent	2 - 110,000 2+2 Pullet Remld
K-Brand Farms	Woodridge, NY	Independent	1 - 32,000 2+2 Pullet New
K-Brand Farms	Woodridge, NY	Independent	1 - 73,000 Duracage New
Kendle, Lynn	Hagerstown, MD	Paramount Feeds	1 - 108,000 Duracage New
King, Merle	Cochranville, PA	Esbenshade Feeds	1 - 120,000 2+2 Pullet New
Kreider Poultry Farms	Middletown, PA	Independent	6 126,000 Duracage New
Landis, Elvin	Lititz, PA	Keystone - Purina	1 30,000 Diamond 4H Remld
Lehman, Lee	Chambersburg, PA	Paramount Feeds	1 - 82,000 3HIGH Pullet New
M&M Poultry	Hagerstown, MD	Paramount Feeds	1 - 51,000 2+2 Pullet Remld
Martin, Ezra	Myerstown, PA	Esbenshade Feeds	1 - 96,000 Duracage New
Martin, Jim	Hagerstown, MD	Paramount Feeds	1 - 60,000 Duracage New
Martin, Merle	Hagerstown, MD	Paramount Feeds	1 - 81,000 Duracage New
Martin, Walter	Blue Ball, PA	Pennfield	1 - 75,000 Duracage Remld
Miller, Ken	Conestoga, PA	Keystone - Purina	1 - 45,000 Diamond 3H Remld
Mowen, Richard	Chambersburg, PA	Paramount Feeds	1 - 108,000 Duracage New
Moyer, Roger	Lititz, PA	Keystone - Purina	1 - 112,000 Duracage New
Newcomer, Jack	Mount Joy, PA	Hess - Purina	1 - 96,000 Duracage New
Nissley, Gerald	Middletown, PA	Wenger Feeds	1 - 108,000 Duracage New
Nissley, Mel	Middletown, PA	Wenger Feeds	1 - 108,000 Duracage New
Nolt, Jonas	Peach Bottom, PA	Esbenshade Feeds	1 - 72,000 SSS Cage Remld
Puglisi Farms	Lakewood, NJ	Independent	1 - 81,000 SSS Cage New
Replogle, David	Oxford, PA	Esbenshade Feeds	1 - 73,000 2+2 Pullet New
Rohrer, Doug	Lampeter, PA	Esbenshade Feeds	1 - 126,000 Duracage New
Seaboard Foods	Bent Mountain, VA	Independent	2 - 82,000 3H Pullet New
Sperry Farms	Atlantic, PA	Independent	1 - 81,000 Duracage New
Thornton & Morrow	Middletown, DE	Baker Farms	1 - 91,000 Duracage New
Weaver, Irvin	Womelsdorf, PA	Wenger Feeds	1 - 108,000 Duracage New
Wegman Farms	Wolcott, NY	Independent	1 - 92,000 Duracage New

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Brown Swiss Juniors 'Moooving' Right Along

FREDERICK, MD — The Maryland Brown Swiss Junior Association held a meeting and bowling party, April 24, at the the Long View Farm. Nearly thirty present and future Brown Swiss enthusiasts arrived about 2 p.m. for a group picture.

The meeting focused on plans for the junior portion of the National Brown Swiss Convention to be held in Frederick, Maryland in 1989. The tentative schedule for the junior program includes a Swiss Miss contest, crab feast welcome party, barnyard olympics, junior dance, junior awards breakfast and a trip to an amusement park and a possible visit to Washington, DC.

The juniors will take a group to the 1988 National Convention in Rockford, Illinois, July 12-18. They will have a junior booth on display at Rockford to promote the 1989 convention logo. If anyone is interested in becoming a Brown Swiss junior member please contact youth directors Norma and Howard Fleming, (301) 475-3440.

Crawford County Dairy Family Pulls Together

BY
CAROLYN HILSDON GILLES
Crawford Co. Correspondent

GREENVILLE (Crawford) — Who says that marriages aren't made in heaven? And who says that dairy farmers can't succeed in these days of rising grain and falling milk prices? Folks like Crawford County's Cornell family are out to prove them wrong.

Chris Anderson and Mark Cornell were separated by geography as well as lifestyle in their early years. Chris was raised on a dairy farm in Crawford County and Mark, the son of a minister, moved around the state as his father was transferred from church to church. They might never have met, except that Mark's father was assigned to a church in Greenville where Chris was commuting 60 miles daily to attend Christian Day School.

When the two married in 1976, Mark got his first taste of dairy farming by working for two and a half years with Chris's father until Mr. Anderson had a dispersal sale. Mark then did some machine shop work for a couple of years, but was eventually laid off.

The farm they now own was bought by Chris's dad in 1980. He had a hired man living in the house and used the land for crops. In 1983, Chris and Mark rented one of the barns, lived a few miles away in a trailer and began to get back into dairying. Then in 1987, they bought the 163-acre farm from Chris's dad and now milk 40 head of Holsteins in the stanchion barn with a pipeline, using the other free-stall barn for dry cows. In that first year, they used 115 gallons of paint just to get the place in shape.

The Cornells have tried many different approaches in managing their operation. At first, they raised their own replacement heifers, but people discouraged them and said it would be more profitable to buy replacements. But replacements bought at auctions were disappointing. The purchased heifers' first lactations were only 11,000 to 12,000 lbs., where they were getting 18,000 lbs. from their own first-calf heifers. They soon went back to raising their own replacements, attributing the difference in production to their forage.

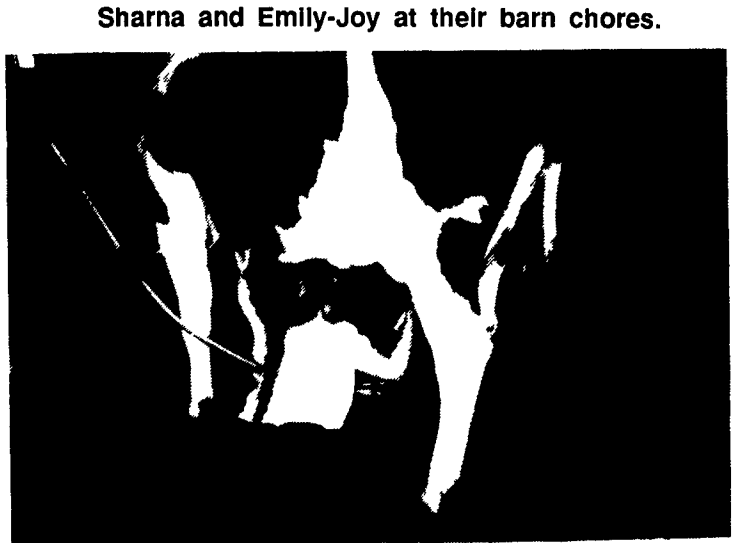
It has been an uphill struggle for them. They had to borrow all the money they used to buy the farm and make many sacrifices to keep their debt limited to the farm and not extend it to equipment and household improvements. They run the whole farm on a 60-horsepower tractor, "But," said Mark, "It's paid for." Nor can they justify the expense of owning their own silage equipment, even though Mark finds it hard to get someone to lay it in just when he wants it.

They are slowly fixing up their 13-room, "neat-as-a-pin" farmhouse tackling one room at a time. As with most farm households, just when they think they have some money set aside for the house, a piece of farm equipment goes bad. But renovations in the house are progressing nicely at the rate of a room a year.

The Cornell family rises at 4:00 "sun time." The cows haven't figured out the concept of Daylight Savings Time and milk better when their schedule is not disturbed. Milkings are at 5:00 a.m. and 5:00 p.m. The Cornells feed a balanced ration, using a Penn State feeding program to test their forage and adding other nutrients as needed. The morning feeding includes hay, to help the fat content of the milk, along with corn silage and grist. The noon feeding is top dressing and hay, and in the evening, hay, grist and corn silage. The Cornells raise their own grain and buy shelled corn to go with ear corn.

One of the seven flower gardens that are the pride and joy of Chris Cornell. They used 115 gallons of paint in the first year to give their farm the well manicured look that is now its trademark.

Sharna and Emily-Joy at their barn chores.



Sharna attaches the electric milkers to Hope. Of farm life, Sharna says, "I enjoy it. I don't know how city people can live."

Chris and Mark have two daughters. "And," said Chris, "The secret to making a go of it (the farm) is that the whole family is involved." Even three-year-old Emily-Joy handles a broom. She learned to walk in the barn and is very much at home with the animals. Nine-year-old Sharna feeds the grain at night, sweeps the mangers and serves as dad's memory bank. Said Mark, "She remembers when all the cows are due." Said Sharna, "I enjoy it. I don't know how city people can live." To keep it interesting for her, Mark and Chris have given her a share in the family profits. Sharna has a milking heifer and she gets the money for the calves that the heifer produces.

Chris feels that a farm is a good place to raise children because they have to accept responsibility. The work is there, and nobody's going to do it for you. This responsibility carries over into school work. Sharna, who maintains a 99 percent average in school, is a prime example.

If one is looking for Chris in the summer months, Mark says you're most likely to find her working in one of the farm's seven flower gardens. But Mark, an avid hunter, admits that his own attention to farm tasks tends to be distracted in the fall. He loves his hunting as much as Chris loves to putter with her flowers.

All of the Cornell's milk is presently sold through Milk Marketing Inc. for fluid milk, some shipped as far away as Wisconsin. The Cornell's deal with the "farm crunch," by concentrating on the quality of their milk in order to get an extra premium for it.

The Cornells started dairying in hard times. They bought their cows in July of 1983 and the next month the government started assessing $1.00 per hundred. They began milking with 32 head and milked 11,500 lbs. In three years, they brought it up to 20,000 lbs. But they work for their success.

They are careful to feed a balanced ration. Said Mark, "You have to spend that money to make it. Otherwise, you're just wasting your time." Chris adds, "Mark is a perfectionist. Everything has to be done before you go to bed, or we don't go to bed." They are also watchful of herd health and have the vet in once a month, an investment that has paid off for them.

Dairying has been good to the Cornells but it has not been easy. Said Chris, "Farming is always a crisis!" The Cornells can recount tales of a filled silo tipping over at the rate of "an inch-an-hour," and two cows milking 30,000 lbs. who just dropped dead. When things like this happen, said Chris, "You say to yourself, 'How are we going to get through this?' But oh, the feeling of accomplishment when you do!"

Mark and Chris Cornell with nine-year-old Sharna and three-year-old Emily-Joy. The secret to their success is that the whole family is involved.

Crawford County Correspondent Carolyn Gilles

Versatile Crawford Countian Carolyn Gilles has been an educator and writer for nearly 25 years. She received a bachelor's degree in elementary education from Carlow College in Pittsburgh and a master's with emphasis in business and writing from Goddard College in Plainfield, Vt.

Gilles' teaching career began in 1963, and in 1970 she founded Trinity United Methodist Pre-School in Erie, serving as both teacher and school director.

Since 1976 she has worked for the Penn State Extension Service, most recently as Unit Coordinator/EFNEP in Erie, Crawford, Mercer, Lawrence and Clarion Counties.

An active free-lance communicator, Gilles writes book reviews, and writes and edits articles for a quarterly church newspaper. She has served as president of both the Erie and Crawford County Nutrition Councils and is currently presidente of the Pennsylvania Extension Para Professional Association. A resident of Meadville, Gilles is married and has two sons, ages 13 and 19.

Dairy Farmers Seek Support For Price Stabilization Campaign

ARLINGTON, VA--June 6, 1988 — Dairy farmers across the country are asking their friends, neighbors and suppliers to support the milk producers' drive to end a series of price cuts that are eroding farm stability.

Dairy farmers will collect 150,000 signatures on petitions that will demonstrate public support. Petitions will be delivered to Agriculture Secretary Richard E. Lyng with copies going to Members of Congress. Signatures will be collected during June, a month during which the dairy industry's contributions to the economy are highlighted.

Milk producers want Lyng to use the authority provided in the 1985 Farm Bill to initiate another whole herd buyout or diversion program to balance milk supply and demand. Dairy farmers are expected to experience a 37 percent drop in net cash farm income if another cut is made next January. Higher production costs and numerous price cuts will squeeze dairy farmer income.

NMPF, the organization that represents dairy farmer-owned cooperatives to the Federal government, says that a whole herd buyout would actually save the government money. The buyout program, or dairy termination program as it is also known, would prevent a farm income loss of about $900 million each year.

The government would reap savings of about $50 million in 1989 and 1990, even after incentive payments to farmers who exit the business because USDA would buy less dairy surplus.

"The petition signing campaign is necessary to show Secretary Lyng that the industry is serious about preventing further erosion to farm income," noted NMPF's Chief Executive Officer Jim Barr. "Another price cut will force our nation's dairy farmer to live in 1989 at 1979 income. No other industry is asked to make such a sacrifice in the name of district reduction," Barr stressed.

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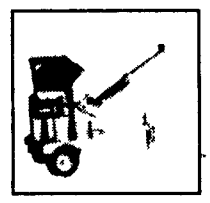

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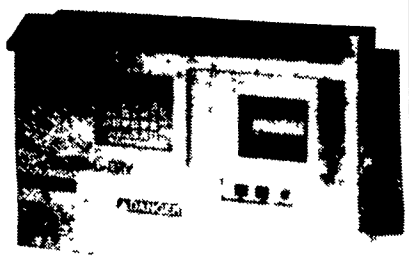

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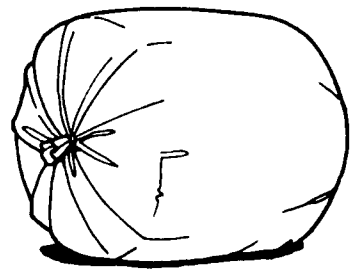

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Trade Between USSR and American Breeders Service

DE FOREST, Wi. — Trade ties between top agricultural planners in the Soviet Union and American Breeders Service (ABS) of DeForest, Wisconsin, took on added significance early this year, thanks to exchange visits by the leaders of both sides.

Following a visit to ABS by a group of ten Soviet officials led by Deputy Chairman Evgeny Sizenko who heads that country's agriculture, food processing and distribution industry, Robert E. Walton, President of ABS, made a return visit in April.

Walton's mission was three fold. Since ABS is a member of the US - USSR Trade and Economic Council, he attended the council's eleventh annual meeting in Moscow. The meeting included a dinner in the Kremlin hosted by Mikhail Gorbachev. Also, while in Moscow, Walton took the opportunity to continue trade discussions at the Soviet All Union level which embraces each of the republics making up the Soviet Union. And finally, following the trade council convention he made a side trip to Kiev in the Ukraine, along with Jake Walter, Vice-President International Division at ABS and Gregory Cuppan, ABS Sales Manager.

The Ukraine is a republic within the USSR primarily noted for grain production but it also has 7 million dairy cows. Alexander Tkchenko is First Deputy Chairman of the Ukraine's Gosagroprom, a revised agricultural system which came into being two years ago and which, among other things, provides incentives for farm workers to increase productivity.

In this capacity, Tkchenko is responsible for food production and distribution throughout the Ukraine. He was a member of the group visiting ABS in January and arrangements were confirmed at that time for a return visit by the ABS officials.

The USSR agricultural leaders are particularly interested in ABS' artificial insemination (A.I.) and cattle breeding programs, including embryo transfer, cloning and other biotechnology. Both Sizenko and Tkchenko have pressed for a joint venture with ABS to improve the genetics and performance of cattle. As Sizenko stated through an interpreter during his January visit, "our aim is, as soon as possible (under Gosagroprom) to increase the production of the Soviet Union, to satisfy the requirement of our population for food production to the maximum extent." He went on to say, "The research work which is being done by ABS is of great interest to us, especially in the area of increasing productive qualities of cattle using bio-technological methods. We have been very impressed by the high level of research and practical (application of) resources reached by ABS."

In the words of the manager of one of the state dairy farms (1,000 cows) visited by the ABS group, Soviet dairymen want to "Holsteinize" their dairy cattle. The heads of these state farms described by Walton as "first class managers", have the know-how, what they need is top genetics.

To this end, the ABS group left Kiev with an order for a substantial shipment of frozen Holstein semen and the promise of more exchange visits between the two countries. A protocol was signed expressing the intent of both parties to participate in the joint development of cattle breeding programs in both the USA and the USSR.

The next move will see ABS Vice Presidents Dr. Paul Miller and Dr. John Sullivan traveling to Moscow in June, 1988, in accordance with Sizenko's expressed wish to continue and deepen their contacts with ABS. As part of this visit with ABS V.P.'s will evaluate some of the progeny resulting from the first semen exportation to the Soviet Union in 1984.

Walton feels that such visits are very important to the expansion of two way trade between the two countries. He stresses that the development of reciprocal trade is vital to insure the Soviets have the hard currency needed to buy U.S. goods.

Along this line, Walton points out there are several other proposals being discussed between members of the US - USSR Trade and Economic Council. Said Walton, "It is very important for us to go to the Soviet Union to meet the people and build their confidence that outsiders can be trusted. Under Gorbachev," he suggests, "we have a much better opportunity to work with and understand the Soviets than we have ever had before."

To Hold Open House

Kuster Farms, a progressive grain and dairy operation in New Jersey, is located two miles South of Flemington on Route 202 - 31. The Farm will open its doors from 12:00 to 5:00 p.m. to the public on Father's Day June 19, 1988. The open house is an annual event cosponsored by the Hunterdon County Board of Agriculture, Farm Bureau, Rutgers Cooperative Extension and the Host Family.

There will be signs showing the way to the parking area located in a large field at the intersection of Everetts Road and 202/31. From there you will be taken on a guided wagon tour of the farm and dropped off at the main farm to view both the grain and dairy operations. There will be many exhibits and demonstrations for everyone to enjoy such as hand milking, artificial insemination, antique equipment, feed displays, informational films and much much more. Milk, cheese and crackers will be served by the Hunterdon County dairy princess and her court. The Kusters have more than 300 dairy animals on the farm of which approximately 150 are milking age. The rest are calves and yearlings, the milkers of the future. The Hunterdon County Dairy Princess will be crowned at 2:30, calf feeding starts at 2:45 and milking will start at 3:00 and continue until about 5:30.

The farm is operated by Ernest Jr. and Katie Kuster along with their sons, Eric and Ernest G. The 250-acre home farm features computer aged dairy technology. They utilize a digital computer to keep track of milk production, breeding, feeding and numerous other management factors to keep the cows producing at an economic level.

The theme for this open house is a little different this year since the Kusters have sold their farm for development. They want to show the public not only dairy farming but some of the trials and tribulations of the increasing development pressure in New Jersey.

Originally Ernest G., who is presently the Agricultural Consultant for Hunterdon County at Rutgers Cooperative Extension, and Eric had planned to take over the dairy operation and continue to farm in Hunterdon. In 1986, however, with increasing costs and decreasing income, the family decided to sell the farm for development. Once they close Eric hopes to move their present operation to another location in the Del-Marva area. He feels that that area is more conducive to agriculture and they can, by selling the property here, start over again.

Come on out and join us in the fun. This will be a great opportunity to show your children about farming and to see first hand how foodstuffs are produced on the farm. There will be many informative displays around and many knowledgeable people to answer your questions. For further information please call (201) 788-1339 (Extension) or 782-2450 (farm).

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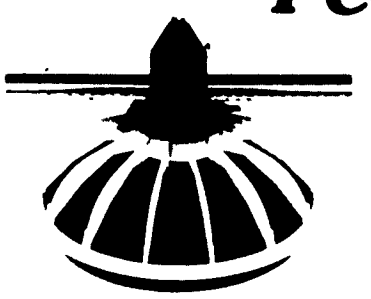

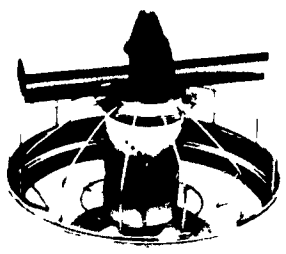

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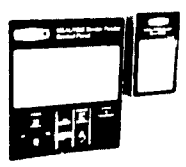

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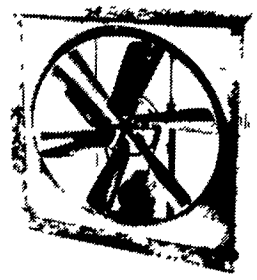

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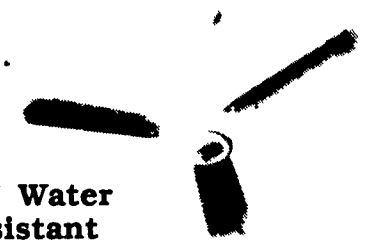

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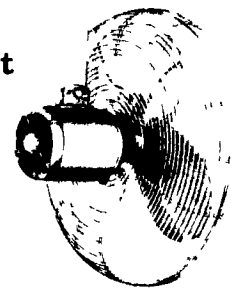

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Farm Calendar

(Continued from Page A10)

Cumberland Co. Dairy Princess Pageant, Embers Convention Center, Carlisle, 8 p.m.

Saturday, June 18

Sun area Dairy Princess pageant, Susquehanna Valley Mall, Boscov's auditorium, Selinsgrove, 7 p.m.

Beaver-Lawrence Dairy Princess Pageant, Laurel Elementary School, New Castle, Huntingdon Co. Dairy Princess Pageant.

Shaver's Creek Community Building, Petersburg.

Indiana Co. Dairy Princess pageant, Indiana University, Indiana, Pa.

Lancaster Co. Dairy Princess pageant, Farm and Home Center, Lancaster.

Sullivan Dairy Princess pageant, Dushore Main St., Dushore.

Dairy Farm Open House, Juster Farm, Flemington, NJ. noon to 5 p.m.. Call 201-788-1339.

Thursday, June 23

18th Annual Penn Marva Young Cooperators Contest through June 24. Willow Valley Conference Center.

Friday, June 24

Mercer Co. Dairy Princess Pageant, Mercer Co. Coop. Ext. Service Center, 7 p.m.

Potter Co. Dairy Princess Pageant, 8 p.m., Ulysses Comm. Bdlg., Ulysses.

Saturday, June 25

National Holstein Convention, Through June 30. San Diego, CA.

Kutztown Folk Festival, through July 4.

Brown Swiss Pennsylvania Picnic, Charles Iron's Farm, Smethport, 12 noon.

Clarion Co. Town & Country Day, Richard and Donna Kline, Knox, PA. 10 a.m. to 10 p.m.

Berks Co. Wool Pool, 7:30 a.m. to 3 p.m. Reading Fairgrounds, Rts. 61 and 222, Reading.

Crawford Co. Dairy Princess Pageant, 8 p.m. Wayne Stainbrook Farm, Meadville.

Md. Jr. Brown Swiss Officers Elected

The Maryland Junior Brown Swiss Association has elected the 1988 officers: (standing, from the left) Jennifer Kellholtz, Secretary; Dwayne Bell, Advisor; Eric Fleming, President; Cheryl Catron, Maryland Swiss Miss; Norma Fleming, Youth Director; Kimberly Fleming, Treasurer; (sitting) Jennifer Culler, Reporter and Advisor; Stacy Bassler, Historian. Not pictured are Becky Long, Advisor and Howard Fleming, Youth Director.

Western PA Junior Judging School

STATE COLLEGE (Centre) — The 1988 Pennsylvania Junior Judging School for Western Pennsylvania if scheduled for Friday and Saturday, July 8 and 9 in Armstrong and Indiana counties. Our school official will be Dr. Michael Barnes, Dairy Science Professor and Judging Team coach at Virginia Tech.

Herd to be visited in Armstrong and Indiana counties include: Oren & Dejay Claypoole, Worthing, with Holsteins; Mark & David Campbell, Ford City, with Holsteins; Alvin & Robert Beatty, Cliffstown, with Guernseys; Wayne Brockler, Marion Center, with Jerseys.

Each class will have four animals in it and the participants will have an opportunity to place each class and work on giving reasons for their placings.

There will be a picnic dinner at Crooked Creek Park following the first day of judging and a chance to renew old friendships and start new ones. The cost is $25 for overnight participants, which includes your evening meal and room or $15 for commuters which includes your evening meal.

To join in the educational experience and fun, fill out the application form and return it by June 22 to the PA Holstein Association, 839 Benner Pike, State College PA 16801.

1988 Junior Judging School

Name _____ Age ____

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Check The School You Will Attend

___Eastern - Columbia/Luzerne ___Western - Armstrong/Indiana

I have enclosed $_____for overnight.

I have enclosed $_____commuter.

DEADLINE: June 21, 1988

Send reservations and make check payable to:
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839 Benner Pike
State College, PA 16801

Fee Schedule

$25.00 - overnight - includes room and evening meal
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****$5.00 off for second child in the family.**
****$5.00 off if member sold 25 Calf Raffle tickets.**

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Disorda Resigns from ABA

BRANDON, VT — The Board of Directors of the Ayrshire Breeders' Association accepted the resignation of Operations Officer, Judy Disorda, at their Annual Meeting. Judy served as Operations Officer of the Association for three years.

As Operations Officer, Judy was reponsible for the overall running and management of the Ayrshire Breeders' Association. She worked directly with the Board of Directors and was instrumental in the organization of breed activities and office procedure. While in office, she was responsible for the computer conversion and her knowledge of computer operations has been invaluable.

The board wishes Judy the best in her new position and is currently seeking a replacement. For a job description or more information contact Ayrshire Breeders' Association, Attn. Linda Barber, 2 Union St., Brandon, VT 05733.

JUNE DAIRY MONTH · REAL · MILK · A GOLD MEDAL WINNER

Mastitis Problem?

(Continued from Page A1)

production by five to six percent with a somatic cell count between 150,000 to 500,000 and up to 12 percent as levels climb to the million mark. Experts estimate that $150 to $200 per cow per year are lost due to subclinical or hidden mastitis. On a 100-cow herd that figure would be between $15,000 and $20,000. A costly, but unnecesary expense.

"The milk let down time on the average cow is approximately six minutes. Fifteen years ago the the high producing cows may have been giving 14,000 pounds. Today many of my customers are milking 23,000 lbs. That's the herd average. It's nothing to them to have a cow milking 26,000 or 30,000. The milk production is a lot higher today, but the let down time has not been extended. So we need to get a lot more milk away from the cow in the same amount of time." —— **Ralph Stoltzfus of J. B. Zimmerman**

Demands Of High Producers

Why the problems with mastitis today? Why is so much attention being focused on milking equipment systems, teat dipping, milking practices, mastitis treatments, somatic cell counts, etc.? Ten years ago why were these concerns not being addressed?

"The milk let down time on the average cow is approximately six minutes. Fifteen years ago the the high producing cows may have been giving 14,000 pounds," explained Ralph Stoltzfus, Milking System serviceman for J.B. Zimmerman in Blue Ball. "Today many of my customers are milking 23,000 lbs. That's the herd average. It's nothing to them to have a cow milking 26,000 or 30,000. The milk production is a lot higher today, but the let down time has not been extended. So we need to get a lot more milk away from the cow in the same amount of time."

Getting more milk away from the cow as quickly as possible is the optimum goal of every milking system. It can be done in various ways. Depending upon the system it may demand a higher level of vacuum level at the pipeline which is determined by the distance the milk must be lifted from the cow's udder to the pipeline. Properly functioning equipment is basic to herd health and production, but the efficiency of the most advanced systems is only as good as the management allows it to be.

Vacuum Regulator

"The most important part of a system is the vacuum regulator because it determines the vacuum level at the teat end. Injury to the teat end injures the the sphincter muscle which controls the opening and closing of the teat end. Normally, the sphincter muscle takes 10 to 12 minutes to close," explains Glenn Gingrich of Jim's Surge in Quarryville. "If the sphincter muscle is injured, the teat end won't close after milking and will allow bacteria to enter the teat canal and cause mastitis."

The distance the milk needs to be lifted from the udder to the pipeline determines the vacuum level. While the vacuum level at the pipeline may be 14", the optimum level at the teat end may be 11". In a highline the level at the pipeline would be much higher than at the teat end and any fluctuation would increase the level at the teat causing an impact which would force a reverse flow of milk into the teat canal taking with it bacteria. A low line system is optimum because the level at the pipeline is the same as it is at the teat. Any system can malfunction due to lack of maintenance or improper use by operator and cause vacuum fluctuations. Vacuum fluctuations result in injury to the teat ends.

Inadequate Vacuum

Not enough vacuum can be a problem and this can be seen result with milkers falling off. The vacuum regulator will respond by closing up so it does not leave in air, to compensate for the slipped milker. As the unit leaves air in through the milker the regulator continues to close up. At this point if the pump is not big enough for the system the regulator will shut completely.

Vacuum Pump

"You need to have a pump big enough to compensate for normal vacuum usage to prevent fluctuations in the vacuum," says Gingrich. "As a rule of thumb 20 Cubic Feet per Minute (CFM) New Zealand standard is recommended on a bucket or pipeline milker. If the vacuum is too low in the sys-

(Turn to Page A33)

Over milking is one of the most common mistakes operators make and the one error which can cause permanent physical damage to dairy cows. Many milking equipment manufacturers have developed systems to take the guesswork out of milking for the farmers. Here Rick Thompson (left) and Amos Fisher (right) explain their system.

Even the most advanced systems need regular maintenance. Glenn Gingrich points to the areas where dirt can collect and where leaks can occur. Milk inlets, stall cocks, pipeline drains and around gaskets should be checked regularly by the farmer for dirt and leaks.

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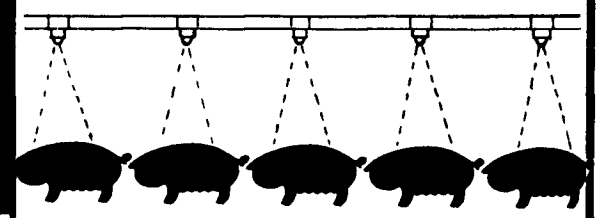

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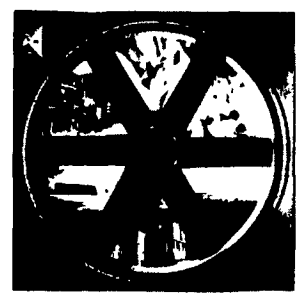

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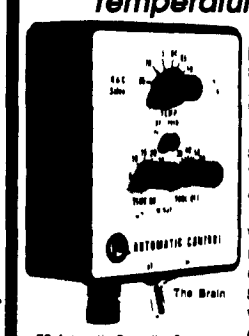

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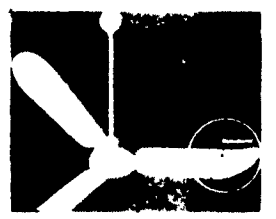

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Mastitis Problem?

(Continued from Page A32)

tem, maybe the vacuum pump is too small which can lead to fluctuations and injury to the teat."

The improper installation of a vacuum pump and the vacuum control is a common problem Stoltfus encounters.

"It is always the first thing I check. If the original installer did not put the sensor in the right place there will be problems with the vacuum level. The sensor tells the regulator how much air to allow in the line," says Stoltzfus.

"I had a farmer who always received his bonus for a low SCC, but all of a sudden his SCC shot up. He had a bucket line and the sensor had been put on an elbow from the mainline and it was sensing and mixing at the same place and it should have been installed on the mainline at the receiver," says Stoltzfus.

Check For Leaks

If the vacuum pump is too small another pump can be added to the system or a larger pump can replace the small pump. But if the system is losing vacuum it could be the result of leaks in the system. Leaks come from natural wear and occur at pulsator line drains where dirt collects, around gaskets, milk inlets, and at stall cocks. Although servicemen use a stethoscope to check for leaks the farmer can do the same thing by using a hose to detect the "hissing" of vacuum leaks.

Pulsators

There are few pneumatic pulsators in use on today's dairy farms, but there are some and they have more moving parts than the modern electronically controlled pulsators and therefore demand more maintenance. The pneumatic pulsator should be checked every six

***"If you wait until you have a problem, then you have waited too long. Many of our farmers have us in regularly and of course we don't sell as many major repairs that way."*— Jim Lefever of Jim's Surge**

months. The farmer can prevent damage and malfunction by cleaning the dust and dirt from the pneumatic pulsator atleast once a month. This will increase the life of the pulsator, also.

The electronically controlled pulsator has a more steady, constant pulsation while the pneumatic pulsator creates a pulsation which can be too slow or too fast causing the injury to the teat by an inadequate rest phase.

Depending upon the type of system in use the control box can adjust the open/close phase for the front teats at 50/50 and set the back teats at 60/40 because there is usually more milk in the rear udder. Make sure the milk/rest phase is appropriately set.

An improper setting can damage the teats by not allowing enough time for either function. Insufficient time in the rest period will damage teats by prohibiting blood flow in the teat. "If you don't have and injured teat, considering other sanitary practices are in line, the incidence of mastitis will be extremely low in the herd," says Gingrich.

Proper use of equipment is as essential to mastitis control as premilking preparations and post milking teat dipping. As usual on the farm, no one practice is the cure to all problems. It is the sum of many which leads to success.

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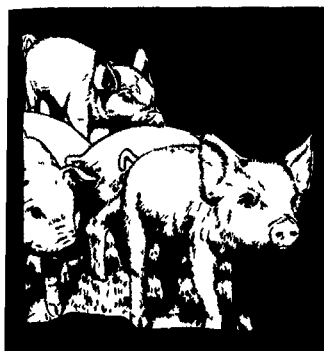

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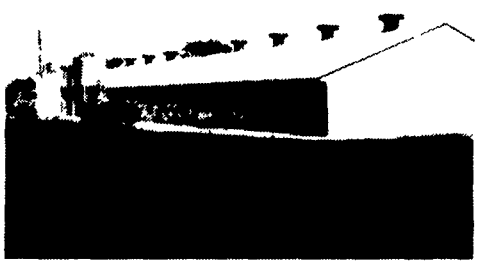

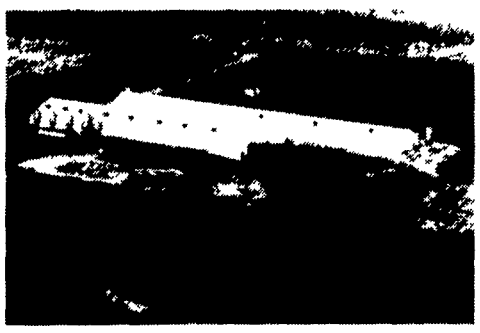

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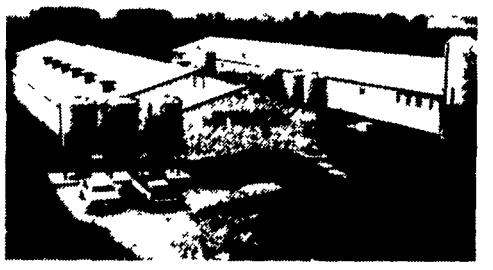

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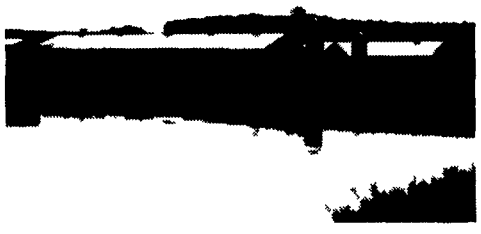

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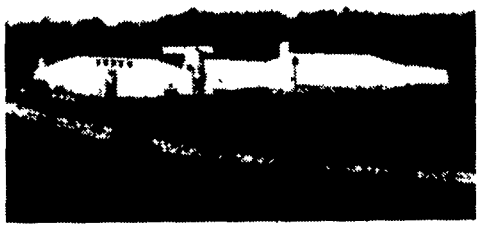

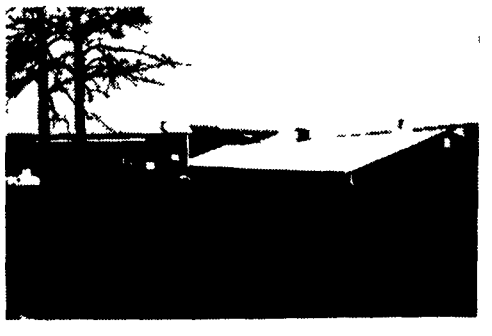

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Unsettled Weather Slows Field Work

HARRISBURG — Unsettled weather at the beginning of the period and excess moisture from recent rains left only three days on the average suitable for field work during the week ending May 29, according to the Pennsylvania Agricultural Statistics Service.

PASS reported that activities during the week included planting corn, potatoes, oats, hay and soybeans; spring plowing; and the usual seasonal farm work.

Statewide, soil moisture was estimated as short by 3 percent of PASS reporters, adequate by 32 percent and surplus by 65 percent. The report by regions: Northern -- 43 percent adequate and 57 percent surplus. Central -- 38 percent adequate and 62 percent surplus. Southern -- 9 percent short, 18 percent adequate and 73 percent surplus.

Spring plowing was estimated, statewide, as being 92 percent complete, compared with 93 percent at this time last year. The five-year average for the date is 90 percent. In the northern region, 85 percent was completed; central, 94 percent; and southern, 94 percent.

PASS issued reports on the following crops:

CORN: Sixty-one percent of the corn acreage was planted by week's end. This compares with 80 percent a year ago and a five-year average of 73 percent. In the northern region, 51 percent was planted; central, 61 percent; and southern, 70 percent.

OATS: Virtually all the oats were planted by week's end. The same was reported at this time last year, and it also is the average over the last five years. The crop's condition was rated 26 percent excellent, 55 percent good, 17 percent fair and 2 percent poor.

POTATOES: By the end of the week, 83 percent of the potato crop had been planted, compared with 86 percent last year and the 85 percent five-year average.

SOYBEANS: Overall, 24 percent of the crop has been planted. Last year's figure was 44 percent, and the five-year average is 39 percent.

BARLEY AND WHEAT: PASS reports that 8 percent of barley was in the pre-boot stage, and 74 percent heading or headed. Last year's progress was 12 percent pre-boot, 12 percent boot and 76 percent heading or headed.

The wheat crop was estimated to be 14 percent pre-boot, 40 percent boot and 46 percent heading or headed. At the same time last year, 19 percent was pre-boot, 29 percent boot and 52 percent heading or headed. The wheat crop's condition was rated excellent by 21 percent, good by 55 percent, fair by 19 percent was poor by 5 percent.

HAY AND PASTURE: Statewide, 48 percent of the alfalfa stands were rated good, 45 percent fair, and 7 percent poor. Clover-timothy stands were rated good by 52 percent, fair by 45 percent and poor by 3 percent. The amount of feed being obtained from pastures was rated above average by 32 percent, average by 61 percent and below average by 7 percent.

FRUIT: By week's end, the state's peach, cherry and apple trees were virtually all in full bloom or past. This is comparable to last year and the five-year average.

Nationally, rain provided needed moisture in the Central and Northern Great Plains, but did little to improve crop conditions. Dryness hampered seeding and caused reseeding in the Corn Belt, Delta and Southeast.

Corn planting was 95 percent finished, 1 percent behind last year's pace but 14 points above average. Winter wheat heading climbed to 62 percent completion, compared with 70 percent in 1987 and 58 percent normally. Soybeans were 62 percent planted, 3 points ahead of last year's rapid pace and 26 points ahead of the average.

Lebanon Fair Entry Forms Available

The 1988 Lebanon Area Fair entry forms and catalogs are now available in the fair office, at the Fairgrounds, located 2 miles South of Lebanon on Evergreen Road. The office hours are Monday through Friday from 8:30 A.M. to 4:30 P.M. Entry deadline for this year's Fair is July 8th. For more information, please call us at the Fair Office, 273-3795.

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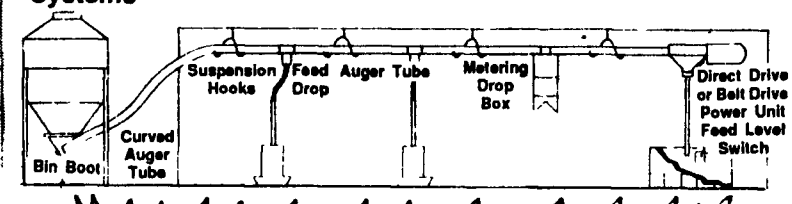

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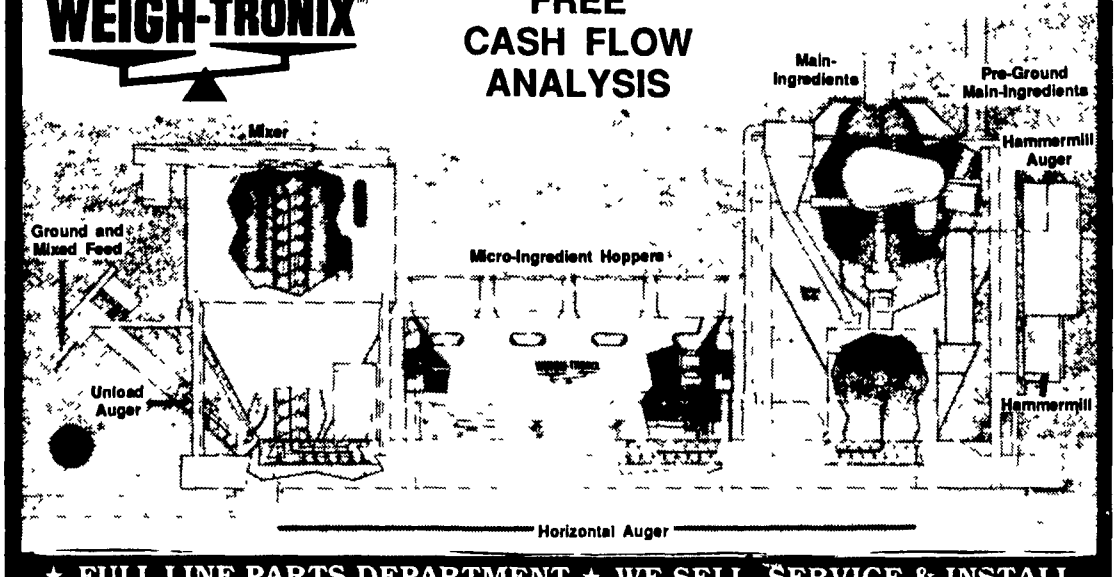

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6-11

Flea Beetles

(Continued from Page A1)

generation beetles feed on leaf tips and most farmers ignore it. They will cause some quality problems and some yield loss."

If a farmer should have a flea beetle problem, he should spray insecticide. "Usually one application will take care of the problem," stated Yocum. A check of the infested field five days later will tell the farmer if the insects have been eradicated.

Flea beetles generally stay in the same or a neighboring field from where they emerged from the soil. Flea beetle populations are killed by freezing weather. A general rule of thumb to determine if they will be a problem is to take the average temperature each of the winter months: December, January, and February; add the three numbers; if the total is less than 90, there usually will be no flea beetle infestation. If the total is more than 90, particularly if it is nearer to 100, farmers should take preventative action. This formula can be influenced by a heavy layer of manure, which will blanket the soil, keeping it warmer than if it was bare.

30 YEARS AGO
THIS WEEK

- Eight young women will compete for the county "Miss Pennsylvania Poultry Industry" title tomorrow at the Poultry Assn. barbeque at Lititz Springs Park.

And for those who see their beauty on a platter, rather than a pretty face, there will be a cooking contest for both junior and senior contestants.

The cooking contest, which too leads to a possible state title, will start at 2 p.m. at the park.

Judges for the cooking contest are Mrs. Anna Smith, home economist, Albright College; Mrs. Eleanor Ruhl, home economics teacher, Warwick Union High School and Lee Zinn, owner of Zinn's Diner.

- First pickings of Pennsylvania home-grown strawberries are about to be made and light movement of berries to local stores, markets and roadside stands should occur this week, the State Department of Agriculture said today.

Prospects for Pennsylvania strawberries are good, the Pennsylvania Crop Reporting Service noted in its crop and weather round-up for the past week. However, warmer weather is needed to help the ripening and maturing of the fruit.

- Ten Lancaster County girls have thrown their bonnets into the ring to be considered for "Queen of the Furrow" at the National Plowing Matches and Conservation Exposition to be held in August at Hershey.

Amos H. Funk, Millersville, chairman of the county contest, said that county finals will be held at 8 p.m. June 23, at the Millersville State Teachers College auditorium.

If more than 15 girls enter the contest, semi-finals and a final contest will be held in the county.

Judging in all the contests will be done with the contestants wearing street clothes. The young women will be chosen for beauty, charm and poise. Only farm girls are eligible.

- To speed their planting operations this spring, two brothers living near Florin, C. Richard Miller and N. Parke Miller, R2 Mt. Joy, switched to wheel track planting for their corn crop.

Having no previous experience with the method, they decided to play it safe. Instead of planting on 100 per cent plowed ground, they ran over some of the rougher portions of the fields with a disc once before planting.

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Penn State To Hold Agronomy Field Day

UNIVERSITY PARK, PA — Penn State's College of Agriculture will hold an Agronomy Field Day on Wednesday, June 22, at the Rock Springs Agricultural Research Center.

The field day, which will begin at 9:30 a.m. and last until 4 p.m., will emphasize small grains, forage production and soil-related influences on crop production.

Three tours will be offered, each specializing in one of the above areas. Participants who stay for the entire event will have the opportunity to take two of the three tours.

A small grains tour will highlight new wheat, barley and oat varieties, as well as new techniques for profitable grain production.The forage tour will include alfalfa weed control, treatments that can dramatically enhance forage quality and grass management and growth regulators. Some new alfalfa insects that growers throughout most of Pennsylvania are faced with will be discussed. Understanding conservation plans and the impact of tillage alternatives, crop rotations and soil compaction will be featured on the soil management tour.

Lunch will be available at the field day. For more information contact Penn State agronomist Lynn Hoffman at (814) 692-7955.

Order No. 4 Class I Price Set For July

ALEXANDRIA, VA — Middle Atlantic Order Market Administrator Joseph D. Shine today announced a Class I milk price of $13.37 per hundredweight for July 1988. This price is up one cent from June but is 66 cents below last July's Class I price.

Shine announced a Class II milk price of $10.24 per hundredweight for May 1988 and a butterfat differential of 15.1 cents for the month. The Class II price was down two cents from the previous month. while the butterfat differential was unchanged.

The July 1988 Class I price and the May 1988 Class II price are based on the May 1988 Minnesota-Wisconsin manufacturing milk price of $10.34 per hundredweight at a 3.5 percent butterfat content.

The USDA reported that the wholesale price of Grade A butter at Chicago for May was $1.3100 per pound and the nonfat dry milk price was $.7356 per pound, f.o.b. plants in the Chicago area.

Maryland Brown Swiss Breeders Plan For 1989 National Convention

FREDERICK, MD. — Maryland Brown Swiss Breeders are gearing up for the National Brown Swiss Convention to be held in Maryland in 1989. The Maryland-Delaware Association also held the national convention in 1969. Next year's Convention will be held July 18-21 at the Sheraton Inn in Frederick, Maryland.

President, Dwayne Bell, Acting convention chairman is working with all the other enthusiastic Brown Swiss Breeders to plan an interesting and enjoyable convention.

Registration will begin on Tuesday, July 17 and will end on Saturday July 18 withthe National Convention Sale.

Convention highlights include a men's program, a lady's program, several Junior activities, business meetings, and the annual meeting and banquet. For more information regarding the Maryland-Delaware Brown Swiss Association or the 1989 National Convention, please contact Dwayne Bell, (301) 374-6542.

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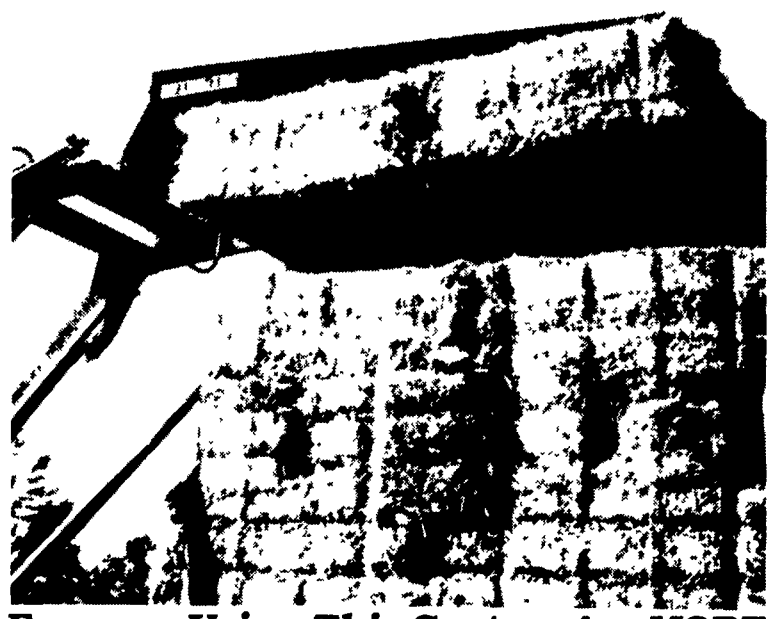

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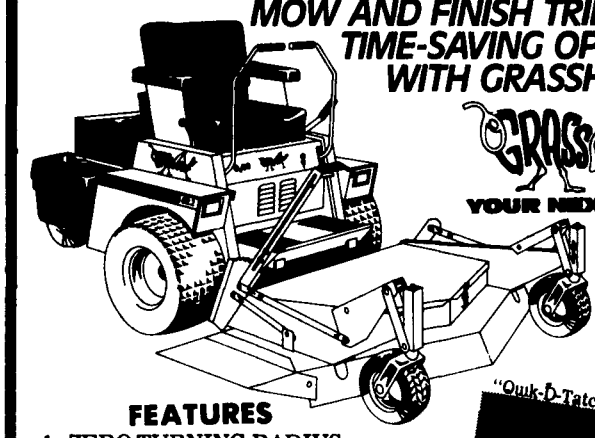

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Sample Ordinance

(Continued from Page A1)

Serving on the committee were: Jay Irwin, head of Lancaster County Extension; Don Robinson of the Adult Farmer Program; Gerald Heistand, Assistant Chesapeake Bay Administrator and Liz Chapman, nutrient management scientist.

"We felt we (the farming industry) needed to get a handle on manure management. Some government officials were getting a lot of pressure to take some action and were considering calling a halt to all expansion. It would have been an easy way out, but we just didn't think that was fair to those good farmers who had the managerial ability to manage manure properly," explained Funk.

High nitrate levels in the Chesapeake Bay and in many areas throughout Lancaster County have been traced in large part back to farms where too many nutrients are being applied to the land or are being handled improperly. Loss of water quality can be prevented if farmers follow a nutrient management plan on their farm. But the utilization of these plans on farms is completely voluntary at this point. Although some farmers have implemented such a plan, there are many more farmers who have not.

"The bottom line on this ordinance (is), if you want to expand, you need a permit. Also, those farmers we may suspect are polluting, can be required to file an application for a permit and be ordered to comply with the terms of the ordinance," stated Heistand.

The ordinance would require that before any expansion of an existing farming operation or the startup of a new operation, a permit must be obtained from the township.

When appllying for the permit, the applicant must submit a nutrient managment plan which has been approved by the Lancaster County Conservation District. The plan will detail how the farm operator will safely manage all nutrients, including manure, sludge and chemical fertilizers used or produced on the farm to prevent the pollution of ground or surface waters. In addition to an approved nutrient management plan, the farm operator must have implemented a conservation farm plan. This plan details practices for the control of soil erosion as mandated by the PA Clean Streams Law which has been in effect since the 1970's.

If the operator does not have sufficient land as required for the proper disposal of manure, the nutrient management plan will state what must be done with the excess manure. This may include removing the manure to other locations where it can be properly processed for resale or utilized for other environmentally safe uses.

"This is the step that may make farmers become more aware of nutrient management by saying to them, you can't do this (expand) without thinking of the increased nutrient production," stated Funk. "Handled properly it will be a benefit to farmers, supervisors and citizens."

Attorney Steve M. Kraybill devoted much of his time to creating an ordinance from the guidelines drafted by the committee. Kraybill, a partner in the law firm of Blakinger, Byler and Thomas of Lancaster, is part of the 22-member citizens advisory committee to the county Solid Waste Authority.

"I think Amos and those who put together this ordinance are optimistic that farmers will get in the habit of proper nutrient management and will comply to these guidelines voluntarily and that in those townships where it is made into law it will not need to be enforced," explained Kraybill.

This ordinance is being submitted to all township supervisors as a sample. Supervisors make the laws governing townships and can make any changes to this sample as they see fit. Funk stressed that is up to each board of supervisors to decide if the sample ordinance will be made into law.

"Everything we are doing now is on a voluntary basis. We are saying that more production at any cost is just no good anymore. We want agriculture which is productive and safe. Just because a farmer wants to expand does not mean he should be allowed to pollute," explained Heistand. "It is really an educational tool that forces farmers to take a look at nutrient application to land."

According to Heistand, there are several townships whose board of supervisors have been eagerly awaiting the sample ordinance so they may start work on their own to establish a manure monitoring program in their area.

Enforcement procedures for the ordinance if passed into law would be decided by township officials.

High Jersey Herds Ranked By 1987 Cow Index Average

COLUMBUS, OH — The American Jersey Cattle Club (AJCC) has announced the top 206 Jersey herds in the nation for 1987 ranked by Cow Index Average. Jersey herds of 10 or more registered cows enrolled on Total Performance Evaluation (TPE), Dairy Herd Improvement Registry (DHIR) or the Special Type Evaluation Program (STEP) are included in the rankings.

Vanguard and Stand-By Jerseys ranked first with a herd average Cow Index of +$72. The Jefferson, Ohio herd owned by L. Arthur and Jeanine Hawkins and Lawrence V. Hawkins also ranked first last year, the first time herd averages were published with an average of +$56. Also a repeat in the rankings is the herd of Henry W. Black, West Baldwin, Maine, in second place. This herd of 122 cows averaged +$54. Molly Brook Farms, West Danville, Vt., moved up a spot from last year with an average of +$52 on 76 head.

To be included in the herd average, a cow must have calved after June 30, 1986, and have a January, 1988 USDA Cow Index. The herd averaged Cow Index for dollars in Federal Order markets is used to rank herds. The average cow in a TPE, DHIR or STEP herd had a Cow Index of +$11.

Those herds ranking in the upper 25% are recognized annually following the year-end summary by the AJCC Records Department.

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Parasite Control In Calves And Heifers

BY DAVE FILSON
Mifflin Co. Agent

Internal parasites can seriously affect growth and performance of calves and heifers. Calves are not born with worms but they become infected by ingesting worm eggs from manure-contaminated bedding, feed, or water. Serious worm burdens occur in most heifers during the first summer that they are on pasture. Worm eggs can overwinter on permanent pastures and can increase to high numbers by midsummer on heifer pastures. On some pastures, particularly if low and wet, lungworm infestation can seriously affect heifers.

Coccidia are protozoan parasites that can cause an intestinal infection in calves. Coccidiosis can cause a serious, bloody diarrhea, especially in calves in close confinement. Heifers eventually acquire a resistance to coccidia, but calves with heavy coccidia infections may be stunted. In some cases coccidiosis is fatal.

Control of internal parasites in dairy replacements requires careful attention to good management practices. Young calves should be housed individually so they have no direct contact with other animals or animal manure until at least 1 week after weaning. Calves can then go into smaller groups of calves of similar age and size. Avoid exposing young calves to facilities that have manure-contamination from older cattle. Calf facilities should be maintained in a clean, well-bedded condition. Hay racks, feed bunks and waterers should be designed and maintained to minimize manure contamination.

If possible, avoid pasturing heifers on the same pasture areas every year. Clean pastures that have not been used for cattle are best; next best for heifer pasture is land that was previously used by adult cattle.

Most herds require a routine treatment program for young stock. Worming should be started soon after calves are put into group pens. Young calves may need to be wormed as frequently as every 60 days from weaning to 8 months of age. Pastured heifers should be wormed twice during the early pasture season. For most Pennsylvania situations, worming pastured heifers in May and June is appropriate. They should also be wormed again in October.

Manure samples from each heifer group or pen can be examined by your veterinarian for presence of worm eggs or coccidia oocysts. This helps determine the need for worming. It also monitors success of your worming program.

There are several drugs available for treatment of stomach and intestinal worms. Lungworms, when present, can be treated with levamisole. Coccidia are not affected by wormers, but can be controlled by one of the several available coccidiostats.

Remember that sanitation and management factors are just as important as drugs in a calf/heifer parasite control program.

External parasites, like the internal parasites, can cause serious production losses in dairy young stock. The major external parasites of concern to Pennsylvania dairymen are lice, mange mites, stable flies, house flies, face flies, horn flies and heel flies. Any of these can be serious enough to affect growth rate and feed efficiency. Flies may be carriers of disease. Of special importance to dairy heifers is pink eye which may be spread by face flies.

Lice and mange are frequently spread from cows and older heifers to dairy replacements. Prevent direct contact between age groups and clean calf and heifer pens thoroughly before putting a new group in the pen. Lice- or mange-affected calves or heifers should be treated with an approved product. Use at least 2 treatments at 7-10 day intervals.

Fly control requires a coordinated approach involving good sanitation, manure removal and judicious use of insecticides. Talk with your veterinarian or the Extension Office about which products to use.

It's easy to neglect important heifer-care procedures or forget to do them at the proper age or time. The following calendar will help you maintain a healthy heifer program. Post it where you will see it often, to serve as a reminder.

Plant Growth Regulators

UNIVERSITY PARK, PA — For years, plant growth regulators have been known to control grass growth by suppressing stem growth and inhibiting seedhead production. Growth regulators have been used in the turfgrass industry to reduce frequency of mowing, and more recently they have shown potential for use in forage crop production.

Improving forage grass production through chemical growth regulators is one topic that will be featured at Penn State's Agronomy Field Day, June 22 at the Rock Springs Agricultural Research Center. The field day will begin at 9:30 a.m. and continue till 4 p.m.

An ideal forage grass should provide consistent yields of high-quality forage throughout the growing season. Temperate forage grasses, however, don't produce evenly throughout the season. They produce most of their growth in the spring and become relatively unproductive during the summer.

Plant growth regulators can alter the growth of temperate grasses so that they produce more evenly.Plant growth regulators, because they reduce the amount of stem and the number of seedheads, improve grass quality. Because the growth pattern is also altered, special management practices may be needed to make the best use of plant growth regulators as forage management tools.

Penn State researchers conducted a study to evaluate management strategies for the most efficient use of plant growth regulators. This study will be one of the topics discussed at Agronomy Field Day. For more information about the field day, contact Penn State agronomist Lynn Hoffman at (814) 692-7955.

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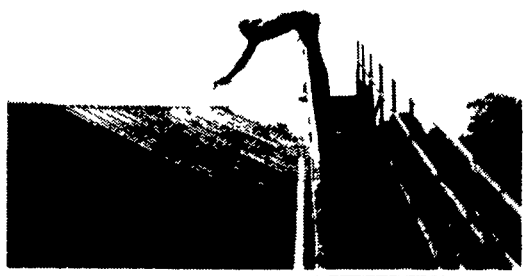

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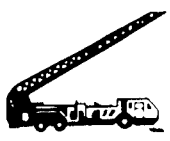

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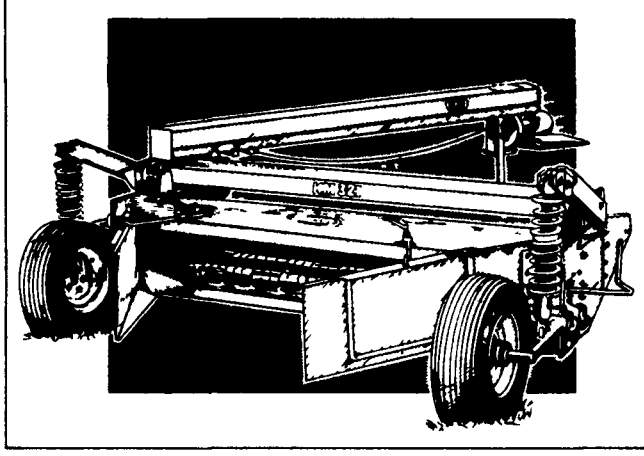

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1988 Five-Acre Corn Club

MEADVILLE (Crawford) — Pennsylvania's Five Acre Corn Club provides farmers an opportunity to compete for corn growing awards, but more importantly club members can compare the results of their corn production efforts. Summaries of Corn Club yields provide information on the yield effects of numerous cultural inputs such as: soil types, soil fertility levels, pH levels, plant populations, row spacings, fertilizer practices, weed control, tillage practices, crop rotations, etc.

Farmers may enroll in the Five Acre Corn Club by completing an official entry form at the Crawford County Extension Office, Room 8, Meadville Courthouse, by July 1.

The enrollee must be 18 or more years old and only one entry is allowed per farm and/or farm operator. The production field must be five acres or more. A Pennsylvania State University soil test within the past two years is required. If the field area is contoured, two or more strips on the same slope may be included in order to obtain the minimum five acre area. At harvest, all strips must be sampled in the yield determinations.

The acreage must be planted to a single variety of corn, not an experimental hybrid, says County Agent Joseph Beard. The corn club enrollment can be for either grain or corn silage. The Pennsylvania Master Corn Growers is a cooperating sponsor of the program.

Participants can enroll in only one of the 5 class categories, which are: (1) Shelled Corn Harvest; (2) Ear Corn Harvest; (3) 3 Acre Harvest Sample (Shelled Grain); (4) 3 Acre Harvest Sample (Ear Corn); (5) Irrigated Field (Ear or Shelled); Three Year Averages: Shelled Grain Harvest, Ear Corn Harvest and 3 Acre Harvest Sample.

Eligibility in the three year average classes simply requires three consecutive years' participation in one of the harvest classes.

The yield check for the large sample must be at least 3 acres and must include round trips through the field.

Current year champions in any of the class categories may not succeed themselves, and they are not eligible for the current Three Year Average Award. However, they may enroll in the succeeding year in order to maintain continuity for the 3 year average class. A three year average champion is not eligible to compete in the Corn Club for one growing season.

Club members may obtain individual production costs by completing the budget portion of the report forms.

Ardrossan's Hopie Ranks Tenth In Nation

BRANDON, VT — Ardrossan L Nom Hopie is now ranked 10th on the All-Time National Class Leader list for the Ayrshire Breed. Bred and owned by Ardrossan Farms, Villanova, PA, Hopie's qualifying record for the Senior Three Year Old group is 3-06 305 23,020 4.0 931. Her M.E. 4% record is 25,204.

'Hopie' is also the current top Sr. Two Year old for production in the United States. Also leading her class for production is Ardrossan Sultan Snow Princess, a Jr. Two Year old with 18,580M at 2-05.

Ardrossan Farms, the top Ayrshire herd for production in the country is owned by Mrs. Edgar Scott.

Holstein Eastern Junior Judging School

STATE COLLEGE (Centre) — The 1988 Pennsylvania Junior Holstein Judging School for Eastern Pennsylvania is scheduled for Wednesday and Thursday, July 6 and 7, 1988 in Columbia County. Our school official will be Dr. Michael Barnes, Dairy Science Professor and Judging Team coach at Virginia Tech.

Herds to be visited in Columbia County include: Albert & Marion Hack, Berwick, with Guernseys; Richard & Virginia Yule, Millville, with Holsteins; James & Ruth Hunter, Millville, with Holsteins; David & Terri Farr, Unityville, with Jerseys; Dennis & Lois Wolff, Millville, with Holsteins.

Each class will have four animals in it and the participants will have an opportunity to place each class and work on giving reasons for their placings.

There will be a picnic dinner at Yule's Farm following the first day of judging and a chance to renew old friendships and start new ones. The cost is $25 for overnight participants, which includes your evening meal and room or $15 for commuters which includes your evening meal.

To join in the educational experience and fun, fill out the application form and return it by June 22 to the PA Holstein Association, 839 Benner Pike, State College, PA 16801.

1988 Junior Judging School

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**$5.00 off if member sold 25 Calf Raffle tickets.

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THURS. JUNE 16 - 9:30AM Farm Machinery, Payloader, Milk House Equipment, 2 Wire Cribs, Pickup, Car At the farm of Earl & Ed Woolf, Asbury, N.J. Warren Co. From Rt. 31, between Washington & Hampton NJ take the Asbury Exit, come in to Asbury make a left turn & then a quick right to farm. Or from Rt. 173, take Bloomsburg - Asbury, NJ Rd. & last farm on right. Arrows posted both ways. Arthur Hanna, auct.

THURS. JUNE 16 - 10AM Tractors, Trucks, Trailers, Forklifts, Welders, Machinery, Power Tools. On premises, Delaware Repair Services, Inc., 1001 Fairview St., Camden, NJ. Comly Aucts.

THURS. JUNE 16 - 6 PM Dump Truck, Trailer, Farm Equipment, Power Tools. West of Allentown, Pa. in the Fogelsville Auction Center Bldg. S. Nursery St., Fogelsville, Pa. (1 block W of Shankweiler's Hotel). For William E. Mepham. Ralph W. Zettlemoyer auct.

FRI. JUNE 17 - 7PM Anniv. Cow Sale. Kish Valley Dairy Sales, corner of S. Walnut St. & Front Mountain Rd., Belleville, Pa. Sherman Glick, Owner. Brian D. Imes, Auct.

FRI. JUNE 17 - 7:30PM 50 Fresh & Close Holstein Cattle. Near Rome, PA, take Nichols exit off Rt. 17 at Nichols NY, take 282 S (becomes 187 at State line) to Rome, PA. Coming from Rt. 220 on Rt. 6 at Wysox take 187 N to N end of Rome, turn at Union Valley Menn. Church sign, go to Lake Lorraine sign, turn right, 1st farm. Promise Haven Farm.

SAT. JUNE 18 - 8:30AM, Real Estate at 1PM. Real Estate, Antiques, Furniture, Household Goods. Located Along Harrisburg Ave, Mount Joy, Pa Between Mount Joy and Rheems, Pa. Daniel M. Heisey Sr., Owner. J. Omar Landis Auction Service.

SAT. JUNE 18 - 10AM Antique Tractors & Engines. At Sunnycrest Orchards 1 mi. N of Sharon Springs, NY on NY Rt. 10, 40 mi. W of Albany. James D. MacFadden, Jr., Auct.

SAT. JUNE 18 - 1PM Horse Sale. Elam B. Stoltzfus, RD1, Irishtown Rd., Ronks, PA.

JULY

JULY 18 - 7PM 3 Acre M/L Farmette Bordering Pequea Creek. Located At 55 Paradise Lane — Take Rt. 30 East of Lancaster approx. 9 miles — Turn south at Paradise Fellowship Church on to Singer Ave. follow to Paradise Lane (Watch for auction sign). Jake Eichelberger, Owner. Attorney Linda Kling Ron Funk & Gordon Ressler, Aucts

PUBLIC AUCTION

MONDAY EVENING, JUNE 20

@ 6:00 P.M.

Night Auction Of Tractors, Farm Equipment, & Misc. Your Consignments Welcome! Rt. 38 & 38B Newark Valley, NY. (19 Miles West Of Binghamton; 7 Miles North Of Owego)

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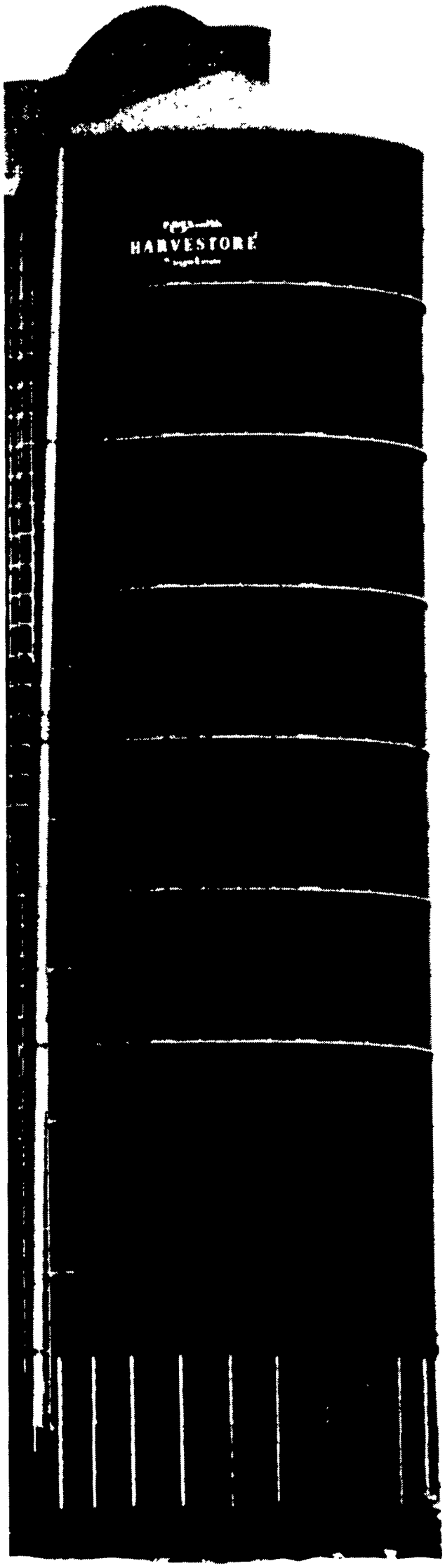

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Recycling Yesterday's Fashions For Today's Enjoyment

BY CAROLYN HILSDON GILLES
Crawford Co. Correspondent

A visit to Anne Gerlach's attic is an enjoyable adventure into yesteryear. A journey that started with a silk blouse taken from her mother's cedar chest and examined with awe for its beauty despite its age.

Anne grew up during the depression, wore second-hand clothes, and found it exciting to be able to recycle something after someone else enjoyed it.

Anne's love affair with fabrics was reinforced during the three years she and her husband, a professional military officer, lived in Paris where she regularly attended designer shows. Two years in Taiwan expanded her knowledge to oriental fabrics and designs.

Anne got into vintage clothing seriously about eight years ago. Spurred by her love for fabrics, she began to haunt rummage sales and shops for vintage clothing and learned to restore and rennovate pieces without changing the line. She describes herself as a "purist" who likes to keep items as close to the original as possible.

Although Anne doesn't operate a store, she has a dealer's license and sends items out to collectors and dealers in other states or to shops in cities where vintage clothing is popular. She finds that people living in small towns are not as adventurous with dressing as those in bigger citites where Victorian clothes are more popular, particularly Edwardian whites from the early 1900's. Anne also does shows, often combining her collection of vintage clothing and accessories with Peg Weymer, a collector of quilts and coverlets, to do shows under the name "Yesterday's Coverings."

But Anne most enjoys giving talks to organizations on what to look for in old clothing, how to shop sales, how to tell a quality piece and how to decide if a piece is worth saving.

Anne's experienced eye looks for handwork, handmade button holes, and fine fabrics like silks and linens. She said that the condition of the fabric is the most important consideration in deciding whether or not a piece can be restored. Although many stains and yellowing can be removed, most silk stains are permanent.

Anne advises that if a garment looks beyond salvaging, one might consider at least saving the ornamentation. Sometimes the buttons or lace can be incorporated into another garment.

Although some fabrics are fragile, some are quite durable. Old Edwardian whites can be used for commencements or adapted for today's wardrobe. A lot can be done to alter size if the garment is too large, but not much can be done to dresses made to fit short women or women with small rib cages. Victorian and Edwardian cotton skirts have lots of gathers in the back to accomodate the bustle. These can be easily altered to a larger waist, without losing the line of the skirt, by taking the waistband off and letting out the gathers. A contrasting sash can be worn to conceal the new waistband.

Many people donate vintage clothing to theater groups and borrow from collections for fashion shows but this is hard on some fragile fabrics which deteriorate a little each time they are put on, taken off or dry cleaned. Anne said that many items of clothing, particularly if they have any weight, like beaded chiffon, shouldn't be hung on hangers but laid flat. Whites, to avoid yellowing, should be laid flat in acid-free boxes with acid-free tissue between the folds. They should periodically be taken out and refolded to avoid damage along fold lines. Fabrics should never be stored in plastic bags as they trap moisture and encourage mildewing. A good dry cleaner can provide helpful advice on storing wedding gows and other fragile textiles.

Anne said that a lot of people will clean out their attics and decide that an old, yellow petticoat or bloomers is beyond salvaging. Usually these things can be reclaimed with a little loving care and some Ivory Snow or Woolite and Clorox 2. She has good luck with soaking cottons in a mixture of mild soap and Clorox 2 and then rinsing, without wringing, until the water runs clear. She pats the garment dry and rolls it in a towel and irons cottons like Victorian whites while still damp.

How can someone find information on vintage clothing or try to identify some found treasure in attic or thrift store? The library has excellent books for research, as well as some pricing guidelines. Two of Anne's favorite references are "Collectible Clothing With Prices" by Sheila Malouff and "Vintage Clothing, 1880-1960" by Maryanne Dolan. Museums and historical societies are also good sources of information on textiles. Anne cited the Victoria and Albert Museum in London as having the finest textile wing, complete with subdued lighting to protect the fabrics. She said that Kent State University in Ohio has a new museum of textile and design with over 2,000 garments. Locally, the Erie County Historical Museum has a fine collection of vintage clothing.

Very often people, even antique dealers, don't want to bother with the old clothing. Anne was given a nightgown, handmade by a woman from England in 1910 for her trousseau. No one from the woman's family wanted it. Anne was happy to add it to her collection.

Anne said that it's hard to imagine what might be the collectibles of today. But a good bet might be the natural fibers. Designers clothes, such as the classic designs of Loren and Talbot, are always collectible, as opposed to trendy items like bell bottoms and miniskirts, which, said Anne, are "only curiosities; they won't be treasures."

Anne's advice is: "Don't throw anythign away. So much is so wearable, and so elegant. I'd like to see women be more adventurous in the way they dress."

Anne works in a bank as an administrative assistant to the senior vice president. And she follows her own fashion advice. She finds "sameness in style depressing" and thinks it's nice to wear something old, particularly if it is something from one's family. Commenting on her love for vintage clothing, Anne describes herself as a "walking artifact." "But," she said, "I don't look like anyone else."

Anne's particular favorites are the clothes of the 30's, 40's and 50's which she finds particularly flattering to a woman. Said Anne, "They enhance the feminine figure and make anybody look gorgeous." Other favorites are full circle skirts, crinolines, and Harris tweed and hand woven skirts worn with sweaters. She loves the suits of the 40's and 50's with jackets with padded shoulders, defined waistline and a little stiffening over the hips, worn over a straight skirt — "Exquisite tailoring!" says Anne.

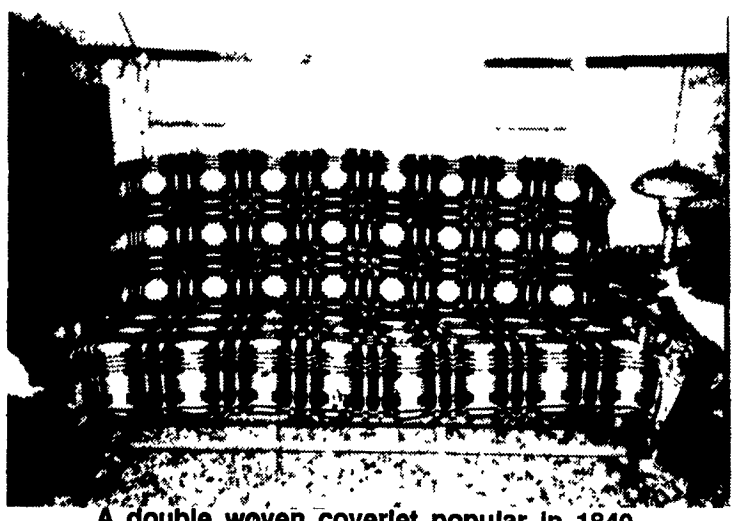
Anne can go down a rack of clothes and pick out the fine things with her eyes closed, just from the feel of the fabrics. She once found an Anne Klein coat and suit at a rummage sale and a Jerry Silverman silk dress.

Anne grew up in New Jersey with a mother who didn't save things. All she has of her mother's is the old silk blouse that she found in the cedar chest. She wonders if maybe that's why she loves old things so much, that perhaps she is "searching for roots."

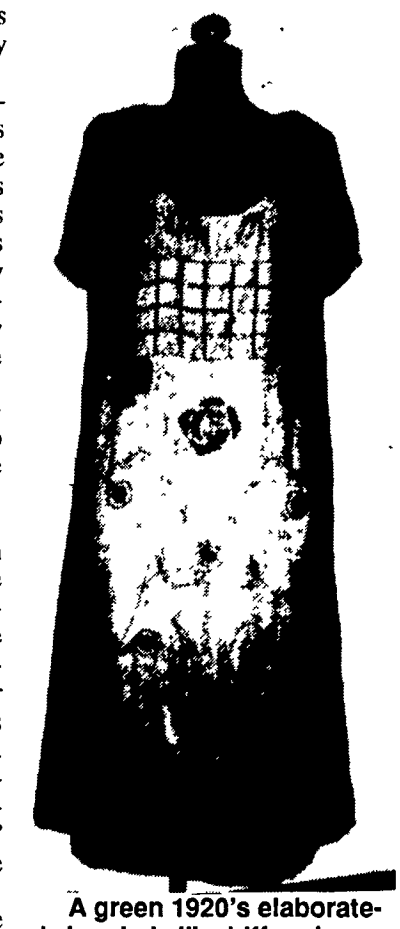
She said, "I use that same principal of recycling in my whole life. Everything belonged to somebody else at one time." She takes a certain pride in "beating the system," on being "one up on consumerism."

Anne Gerlach in a 1948 black pin stripe suit that is dated and has the original label. Suit was hand tailored by a tailor on Perry Square in Erie. Hanging on the right is a 1920's sequined and beaded silk evening dress.

Jill Jordan wearing Edwardian whites. Originally worn as petticoats, these skirts are easily altered in the waistline by letting out gathers that were there to accomodate bustles. New waistband can be concealed by a contrasting sash. Skirts team up nicely with Armistice Blouses, circa 1918-1919.



A double woven coverlet popular in 1840.



A green 1920's elaborately beaded silk chiffon dress.

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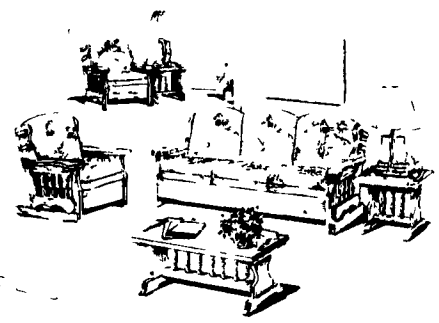

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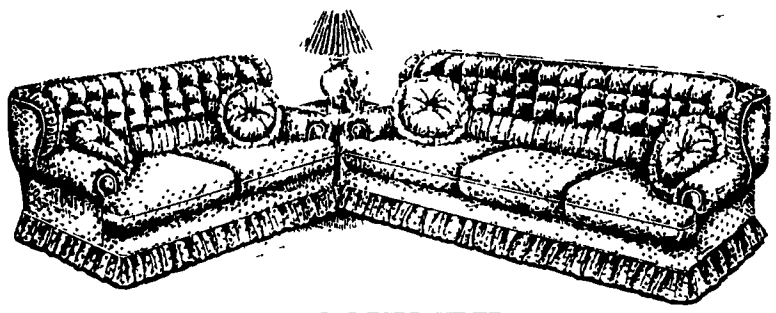

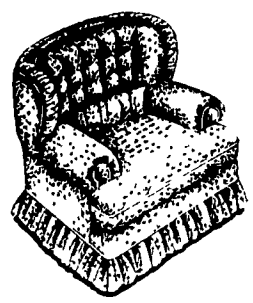

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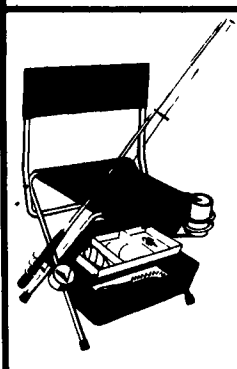

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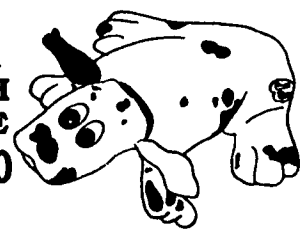

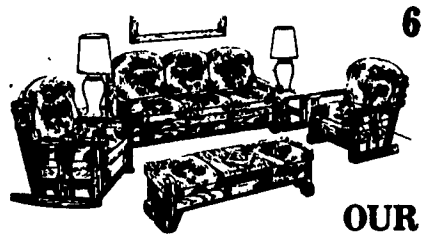

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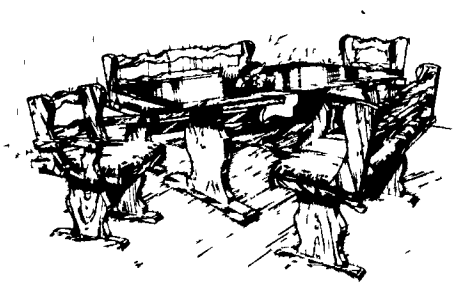

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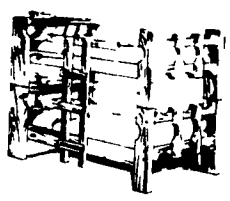

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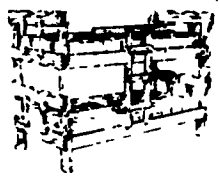

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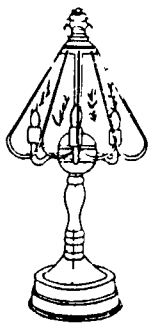

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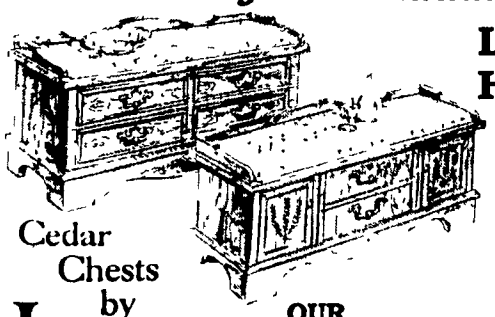

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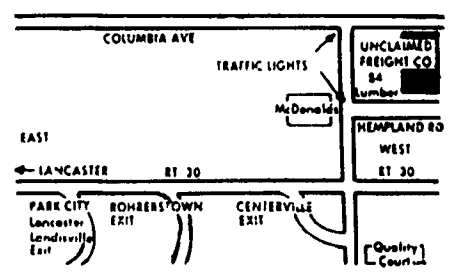

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BACK HOME

By Michelle S. Rodgers

Berks Extension

Home Economist

Hurry Sickness

The diagnosis was confirmed on Memorial Day weekend. The beautiful weather predicted should have drawn me to the great outdoors. Instead, I was fretting about cleaning out the refrigerator, planting my annuals, housecleaning, and the increasing volume of the mending pile. And, despite the long weekend, there just wouldn't be enough time to do all those things and to go camping too! Something had to give. How would I get it all done! Yes, I had a confirmed case of hurry sickness.

People who worry about time constantly--either wasting it, losing it or fretting that time is running out, are suffering from a life-threatening ailment called "hurry sickness". Despite the advantages of being a "doer" type of person, those of us suffering from hurry sickness are open to a range of degenerative conditions such as heart disease, ulcers, and high blood pressure. Dr. William Appleton, assistant clinical professor of psychiatry at North Dakota State University reported that those that suffer from "hurry sickness" are susceptible to every type of stress-related ailment, because all illness is affected in some way by a person's sense of time.

Dr. Appleton gave these tips for people who suspect that they are suffering from this hurry sickness or symptoms of it. First, build time cushions into your schedule. When you make a date with a friend, say "let's meet between 12 and 12:30" instead of promising to be there at an exact time. When figuring how long a job will take, include extra time.

Secondly, set priorities. At the start of each day, make a mental list of the things you intend to accomplish. For some, it helps to write it down. Set priorities according to their importance. Do the "must" chores first, when you are fresh. Leave less essential things for later. This is where many of us go astray. We do the jobs we want to do and are left with what are now high priorities and we have no energy left to complete them.

Finally, master your ambitions. Become involved in stimulating and noncompetitive activities simply for the joy of doing them. Try walking slower, talking or eating slower, or taking a leisurely shower or bath. Spend more time listening to family members and getting to know them in heart-to-heart talks. Allow yourself some of the pleasures of life that may refresh you for the job at hand.

And speaking from experience, I know that some of these ideas can work for you. Yes, we did go camping. I finally convinced myself to leave the work undone. My reasoning was that in 10 years, we'll remember the camping trip. The pleasures and laughter of the weekend will long outlive the memories of cleaning out the refrigerator or planting flowers. And surprisingly, with my husband's joint effort, many of those projects did get completed in a short time once we returned home! Maybe John Wesley had it right when he said, "I have no time to be in a hurry!"

Summer Microwave Classes

YORK — Keep cool this summer by using your microwave oven more. In a class being held by Penn State Cooperative Extension, learn how to prepare summer's bounty in the microwave. Demonstrations include steaming, sauteing and blanching vegetables, drying herbs, making jellies and relishes and more summer treats for family and friends. The class is scheduled for June 15, and 22, 10 a.m.-12 noon or 7-9 p.m. at the Extension Meeting Room, 112 Pleasant Acres Rd., York, PA. Advanced registration is required. To register, send check for $10, payable, to Extension Service Special Fund, to Classes, 112 Pleasant Acres Rd., York, PA 17402 or call 757-9657.

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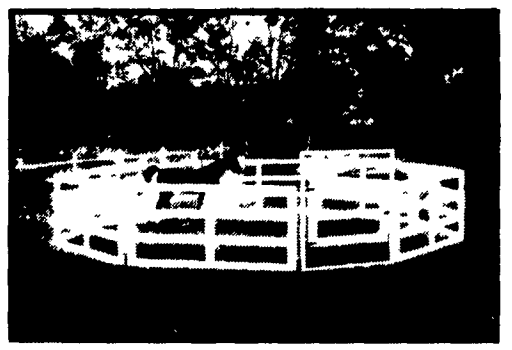

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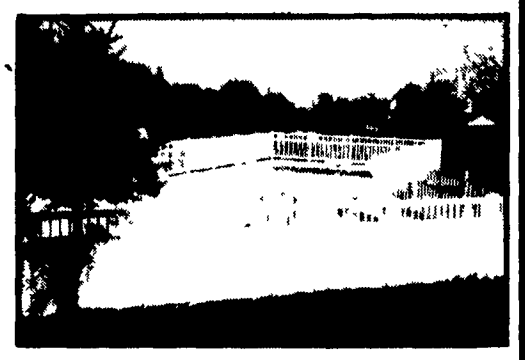

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On being a farm wife - And other hazards

Joyce Bupp

As I knelt on the floor, my knees felt cool and hard, even through the heavy denim jeans I was wearing.

Thump....thump....thump. No, not that one.

Feeling a bit embarrassed at the position I was in, I kept my head low.

Thud....thud....thud. No, that one didn't seem right, either.

Gosh, I sure hope no one I know comes along and finds me here like this.

Thump....thump....thump. Well, there must be a better one here somewhere.

Given my usual luck and timing, at any moment a pair of legs from the many hurrying past my kneeling body would stop and I'd be forced to show my face.

Thunk....thunk....thunk. Ah, at last.

A watermelon that sounded just right.

Over the years, I've carted home dozens of watermelons. This big, green-striped fruit with it's crisp, reddish flesh is adored by all members of our family. Few snacks win their vote for hot summer afternoon fieldwork breaks more quickly than a slice of juicy watermelon.

But, the Farmer was always a better melon selector than was I. Sometimes I'd pick a good one; sometimes I'd cart home selections that were best described as mediocre. And, for awhile, I cheated. The purchase of half of a pre-sliced melon took out the guesswork.

Then I began practicing the Farmer's "knock-knock" technique.

And, that was why I was here, crawling along on the supermarket floor, half under the produce counter, rapping my knuckles on watermelons. Eventually, one answered back with the proper, hollow-sounding thunk. A ripe watermelon doesn't give a solid "thud" or "thump" sound. It makes a kind of "thuunnk," with a hint of empty space inside.

Knocking on watermelons is not the first activity that has earned me strange looks from fellow shoppers in supermarkets in the past many years.

Soon after we built the calf nursery years ago, we were on the lookout for shallow, round containers which would fit the feed and water holders. Small buckets would work, but for very young calves, I wanted something with less depth. Then I spotted in a supermarket the perfect sized, tough, plastic snack bowls.

The stack of some twenty brightly-colored bowls earned me some corner-of-the-eye, sidelong, glances from fellow shoppers. Friendly clerks I'd come to know through regular visits asked if I was throwing a party.

Confiding that the bowls were for a barnful of calves sent them into gleeful laughter. Vindication came from a sweet, elderly gentlemen behind me in the checkout line who admitted he'd bought some of the same bowls for feeding his rabbits.

Eyebrows raise even higher, and the looks carry greater disbelief, on those occasions when I stock up on dairy herd first aid supplies.

Periodically, we have need for quantities for hydrogen peroxide, that neat treatment that bubbles the bacteria away on wounds and infections. When I can find it on sale, two - sometimes three - bottles for a buck, I lay in a supply of a dozen or so bottles. (Just treating the various cuts and bruises of the family itself goes through a couple bottles a year.)

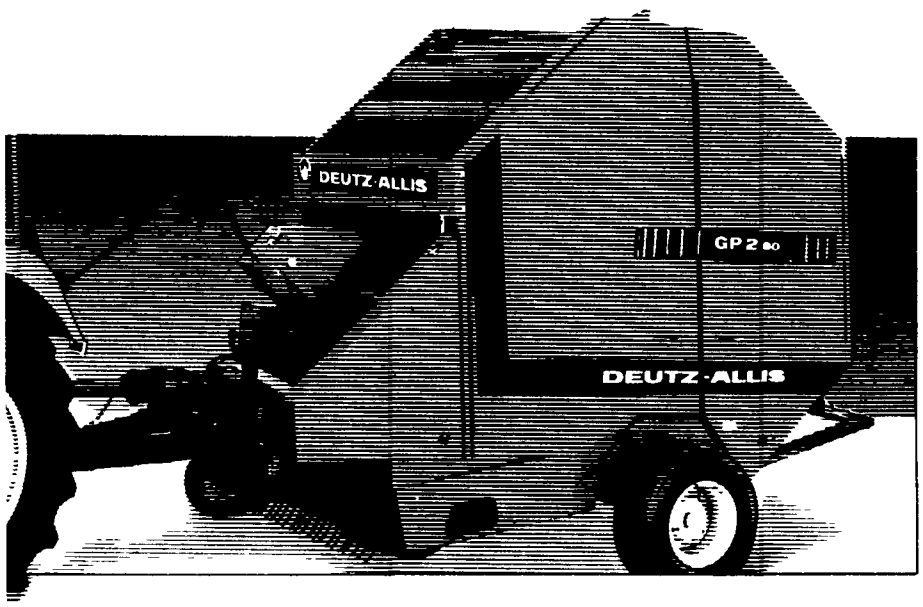
Lining up a large purchase of peroxide bottles on a checkout counter generates considerable interest. One clerk eyed the parade of peroxide containers marching toward her on the automated belt, glanced at me with a perplexed look and asked if I was making up a first aid kit. Another once suggested that I must be a nurse. Well, sort of.

Others just give me a suspicious look that says they'd really like to ask but will politely just speculate with their expressions and imaginations.

Crawling on a supermarket floor, rapping watermelons, may not be genteel.

But it's more believeable to fellow shoppers than quantity purchases of first aid supplies for cows.

Round up denser bales.



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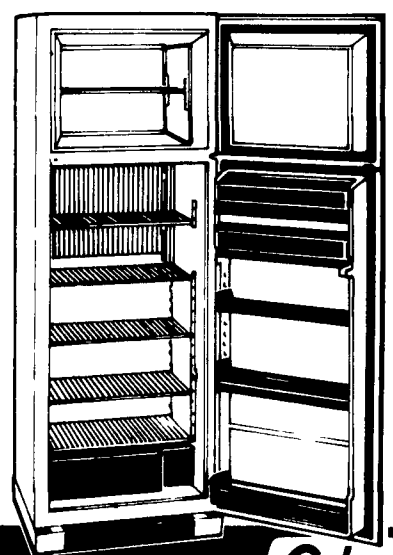

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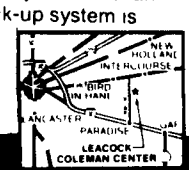

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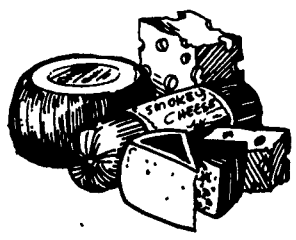

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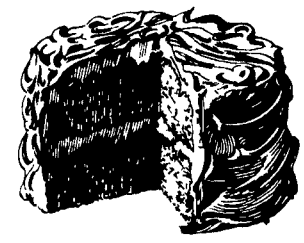


Boost Your Diet With Calcium-Rich Dairy Products

Eating healthy is a catch phrase for many Americans. Basically it means eating moderately and selecting a variety of foods each day from the four major food groups—the milk group, meat group, fruits and vegetables and grains.

Eating healthy has another dimension for women. Recent studies show that women are more susceptible to calcium loss from their bones as they grow older. They need to eat calcium-rich foods throughout life, but most women do not meet the current government recommendation of 800 milligrams of calcium each day for adults.

Dairy products are good sources of dietary calcium. Boosting calcium consumption can be done easily by incorporating the great recipes into your daily diet.

STRAWBERRY JELLO SALAD

2 packages strawberry gelatin
1 quart fresh sliced strawberries
3 ripe bananas
1 can crushed pineapples
chopped walnuts
16 ounces sour cream

Dissolve gelatin in 2 cups boiling water. (Do not add any cold water). Add sliced strawberries and crushed pineapples. Mash bananas and add the walnuts and mix. Pour half of mixture into dish and put into freezer until set. Spread sour cream over it then gently pour remaining gelatin mixture on top. Refrigerate.

Jenny Bigelow
Blair Co. Dairy Princess

SOUTHERN CORNBREAD

½ cup sifted flour
1¼ teaspoon salt
1½ cup corn meal
1½ cup milk
½ cup sugar
4 teaspoons baking powder
2 eggs
5 tablespoons melted butter

Mix and sift flour, sugar, salt and baking powder. Stir in corn meal. Beat eggs, butter, and milk together. Add to corn meal mixture. Stir only until blended. Bake at 425 degrees for 25 to 30 minutes.

Tammy Lesher
Dauphin Co. Dairy Princess

PEACHES 'N CREAM

¾ cups flour
1 teaspoon baking powder
½ teaspoon salt
3¼-ounce package dry vanilla pudding (not instant)
3 tablespoons butter
1 egg
½ cup milk
1 can sliced peaches well-drained, reserve juice
8-ounce package cream cheese
½ cup sugar

Butter bottom and sides of 10-inch pie plate. In large bowl, combine first 7 ingredients, flour through milk. Beat for 2 minutes at medium speed. Pour batter into prepared pan. Arrange peaches on top of batter. In small bowl, combine cream cheese, ½ cup sugar, and 3 tablespoons reserved juice. Beat at medium speed for 2 minutes. Spoon over batter to within 1 inch of the edges. Sprinkle top with cinnamon and sugar. Bake 350 degrees for 30 to 35 minutes.

Rebecca Ann Sonnen
Pa. Dairy Princess

APRICOT SALAD

1 large box apricot gelatin
2 cups hot water
2 cups cold water
1 (20-ounce) can crushed pineapple, drained
2 to 3 bananas
¼ bag of mini marshmallows
Topping:
1 egg
½ cup pineapple juice
½ cup sugar
8 ounce cream cheese
2 tablespoons butter
2 tablespoons flour
1 pint of whipping cream
Crushed nuts

Dissolve gelatin in hot water. Stir in cold water. Pour into 9x13-inch glass pan. Add crushed pineapple (drained). Cover top with sliced bananas. Cover top with mini-marshmallows. Let set. Topping: Cook egg, butter, juice, flour and sugar until thick. Let cool. Add softened cream cheese. Mix well. Fold in whipped cream. Spread on top of set jello. Sprinkle with crushed nuts. Keep refrigerated.

Tammy Sue Balthaser
Berks Co. Dairy Princess

LASAGNE CASSEROLE

8 ounces noodles, uncooked
1 tablespoon salad oil
8-ounce package brown and serve sausages
16-ounce can tomatoes
6-ounce can tomato paste
1 tablespoon instant minced onion
1 teaspoon mixed Italian herbs
1 cup drained creamed cottage cheese
¼ cup grated Parmesan cheese
1 (6 or 8-ounce package) Mozzarella cheese, cut into ½-inch strips.

Cook noodles as directed on package and drain. Return to same saucepan. Toss with salad oil to prevent sticking.

Meanwhile, dice sausages and brown, stirring often in medium skillet. Stir in tomatoes, tomato paste, onion and herbs. Heat to boiling and simmer, stirring occasionally, 5 minutes.

Layer half the noodles, cottage cheese, Parmesan cheese, tomato mixture and Mozzarella cheese in buttered 2-quart casserole. Repeat, trimming the top by crisscrossing Mozzarella cheese strips.

Bake in moderate oven (350 degrees) for 30 minutes, until bubbling at edges and cheese is browned. Makes 6 servings.

Rebecca Ann Sonnen
Pa. Dairy Princess

BLUEBERRY DELIGHT

1 cup graham cracker crumbs
½ cup sugar
½ cup melted butter

Mix and spread in 13x9-inch pan

8 ounces cream cheese (softened)
2 eggs
¾ cup sugar

Mix with electric mixer until smooth. Spread over crust. Bake at 350 degrees for 20 minutes. Cool completely. Spread a can of blueberry pie filling over the top. Top with whipped cream.

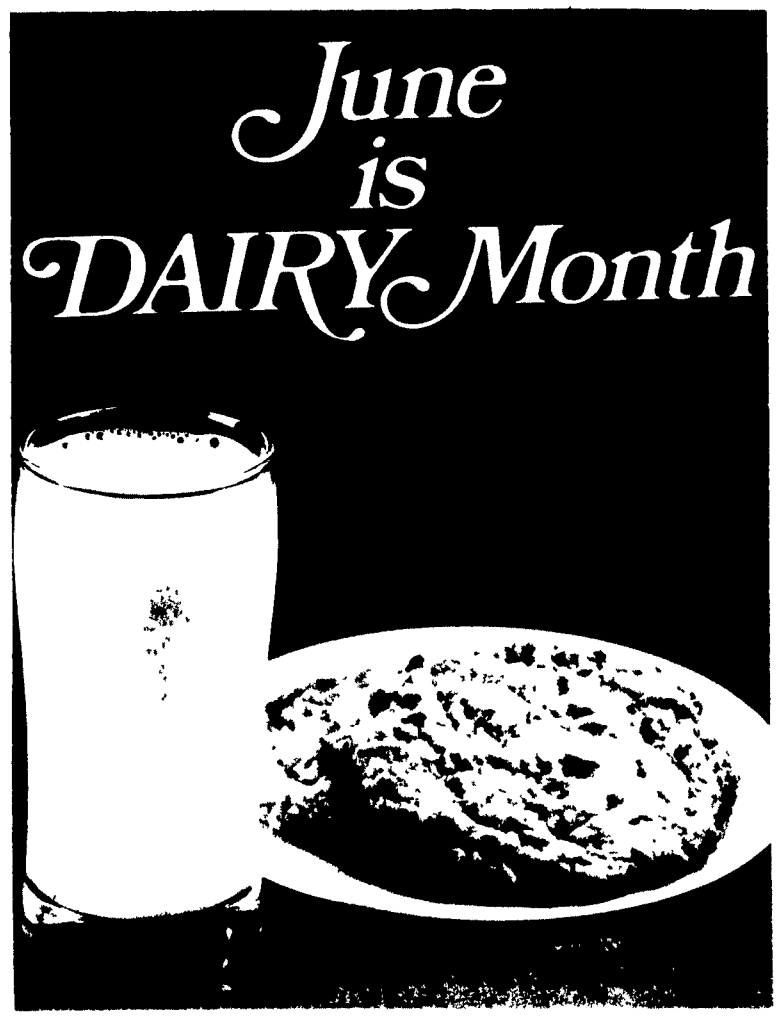
Nanette Bushong
Lancaster Co. Dairy Princess

CREAMY SCALLOPED POTATOES

6 medium potatoes
Onion to taste
6 slices white American cheese
Cook over low heat until thick:
2½ cup milk
3 tablespoons flour
3 tabelspoons butter

Alternate layers of sliced potatoes, cheese, and sauce. Dot with butter. Bake for 30 minutes, covered. Uncover and bake 1 hour more. Allow to stand for 10 minutes before serving. Bake at 350 degrees.

Tammy Lesher
Dauphin Co. Dairy Princess



DAIRYMAN'S DELIGHT

2 cups graham cracker crumbs
½ cup melted butter
1 cup heavy cream
8-ounce package cream cheese
1 large can sweetened condensed milk
1 envelope unflavored gelatin
¼ cup cold water
1 teaspoon vanilla
½ cup lemon juice
1 cup dairy sour cream

Combine cracker crumbs and butter. Line a deep, 9-inch square dish with ¾ of the crumb mixture. Stir lemon juice into cream; let stand 10 minutes. Mix softened cream cheese, gradually, into condensed milk and blend until smooth. Add gelatin to water; dissolve over hot water. Whip lemon cream mixture until it begins to stiffen. Pour in cream cheese mixture; continue beating until well blended. Stir in gelatin and vanilla. Pour into pan. Spread sour cream over top. Chill 2 hours, or overnight. Serves 8.

Patricia Dunkleberger
Cumberland Co. Dairy Princess

(Turn to Page B7)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

June	
18-	More Dairy Recipes
25-	Ice Cream
July	Salads

Featured Recipe

Cindy McGrath of West Chester won a $200 shopping spree at Cropper's Market, Guthriesville, when she entered her "Low-Cal Corsican Chicken" in Chester County's Cook-Off contest.

For more details on the cook-off, look for the feature, "Chester Names Cook-Off Winners," in this section.

Try Cindy's recipe and see if it's a winner with your family.

Lo-Cal Corsican Chicken
Cindy McGrath, First Prize

8 large chicken cutlets, pounded thin
8 slices turkey ham (about 6 ounces)
¼ cup prepared pesto sauce
Salt and pepper to taste
8 slices provolone cheese (½ pound)
2 tablespoons olive oil

Salt and peppers cutlets. Spread each with a small amount of pesto. Place a slice of turkey ham and a slice of cheese on top of each breach. Fold up, carefully wrapping chicken around filling. Secure with toothpicks. Quickly brown in hot oil. Set aside.

Sauce:

1 can evaporated skim milk
1 tablespoon butter or margarine (or light margarine)
2 tablespoons whole wheat flour

Melt butter in pan. Add flour, stirring until blended and cook for 3 minutes, stirring all the while. Whisk in milk and cook over low heat, stirring, until mixture boils and is thick.

Add:

1 tablespoom Dijon mustard
1 tablespoon sherry
¾ cup shredded cheese (preferably part-skim or low fat variety)

Arrange chicken in a large casserole dish. Pour sauce over top. Bake at 375 degrees F. for ½ hour, or until bubbly. Serve over rice or pasta. Serves 8.

MICROWAVE MINUTES

By JOYCE BATTCHER

You'd like something a little special to serve to out-of-town guests? Yet you don't want to spend all day cooking or heat up the conventional oven? Then try today's recipes.

These recipes are also perfect for an easy, nutritious family meal. Serve either with tender-crisp cooked broccoli spears or raw broccoli tossed with other vegetables and a tangy yogurt dressing. For dessert, fresh fruit or a scoop of refreshing sherbet add a light touch.

Both of today's recipes are quick and easy to make. **Chicken Chinese Quiche** microwaves in about 25 minutes compared to baking about 50 minutes in a 350 degree F. oven. **Seafood Sauce** cooks in less than 10 minutes, without constant stirring and no danger of scorching.

Both are made with nutritious high-calcium dairy foods. In honor of June Dairy Month, I've included the amount of calcium for each serving in the nutritional analysis below each recipe.

Both dishes can be made ahead and reheated. See directions under each recipe.

Both can be made lower in calories and fat by using lower-calorie dairy products. Also, serving **Seafood Sauce** over high-calcium, low-calorie cooked broccoli, instead of a croissant makes a big difference.

I've tried both recipes using skim milk. It works perfectly and cuts some fat and calories off of each. I also chose a low-fat natural cheese. Again, I get perfect results with a lower-fat mozzarella or Cheddar cheese. I reduced the amount of butter in the **Seafood Sauce.** You can only do this in the microwave-- on the range, the mixture would burn and stick onto the pan bottom. (Don't be fooled and substitute regular margarine for butter, if you are only looking for less calories and fat. Regular margarine has the same amount as butter.)

A word about cheeses. Lower-fat cheese is one made with skim milk or part skim milk. You usually have to check labels and the fine print to see which cheeses are lower in fat. Mozzarella made with part skim milk is common in supermarkets, but I've found only one national brand that makes a lower-fat Cheddar. You might also look in large supermarkets and specialty food shops. They often offer a large variety of lower-fat cheeses.

Don't try to substitute process cheese foods or process cheese products in these recipes, unless you add more thickening. These cheeses are higher in moisture, so will dilute the mixture and not give quite the right consistency. (They are also much higher in sodium.)

Seafood Sauce in Cheesy Croissants

1 package (10 ounces) frozen peas
3 tablespoons butter
3 tablespoons chopped celery
2 tablespoons grated onion
3 tablespoons all-purpose flour
1⅓ cups milk
1 can (5 ounces) crabmeat, drained
1 can (4¼ ounces) shrimp, drained
1 teaspoon lemon juice
1 teaspoon Worcestershire sauce
¼ teaspoon pepper, preferably white
¾ cup (3 ounces) shredded Cheddar cheese
6 croissants, split
About 3 tablespoons shredded Cheddar cheese

Thaw peas in freezer box (if box contains foil, remove peas to a microwave-safe dish) by microwaving (High) about 1 minute; drain and set aside.

In microwave-safe 2-quart casserol, place butter, celery and onion; cover with waxed paper. Microwave (High) about 1 to 2 minutes or until vegetables are tender. Stir in flour. Microwave (High) about 30 seconds or until bubbly. Gradually stir in milk; stir until smooth. Microwave (High) 4 to 5 minutes or until thick, stirring after each 2 minutes. Stir in thawed peas, crabmeat, shrimp, lemon juice, Worcestershire sauce and pepper. Microwave on Medium (50% power, 325-350 watts) 5 to 6 minutes or until hot, stirring once. (Or, microwave on High for 3 to 5 minutes, stirring twice.) Stir in ¾ cup Cheddar until melted. Split croissants; spoon seafood mixture on bottom halves, saving a small amount for tops. Cover with croissant tops; spoon remaining sauce on top and sprinkle each with about ½ tablespoon additional Cheddar. Serve immediately. Makes 6 servings.

Each serving: 409 calories, 21g protein, 234mg calcium, 23g fat, 29g carbohydrate, 763mg sodium, 95mg cholesterol.

To make ahead and reheat: Cook sauce for 4 to 6 minutes, or until thick, as above. Stir in lemon juice, Worcestershire sauce and pepper. Cover and refrigerate. Before serving, stir in thawed peas, crabmeat and shrimp. Microwave on Medium 6 to 7 minutes or until hot, stirring once. (Or, microwave on High 4 to 5 minutes, stirring twice.) Continue as above.

Lower calorie: use only 2 tablespoons butter, same amount of skim milk and Cheddar cheese made with skim milk. Cook as above. Serve on broccoli spears.

Each serving: 214 calories, 22g protein, 346mg calium, 8g fat, 18g carbohydrate, 446mg sodium, 75mg cholesterol.

Chicken Oriental Quiche

1½ cups (6 ounces) shredded Brick cheese
1 microwaved or baked pastry crust in microwave-safe pie plate
¾ cup cooked diced chicken
⅓ cup thinly sliced green onions
½ cup chopped water chestnuts
1½ cups half-and-half
1 tablespoon cornstarch
3 eggs, beaten
1 teaspoon soy sauce
¼ teaspoon pepper
Garnish: Chow mein noodles, slightly crushed

Evenly sprinkle cheese into microwaved crust. in a medium bowl, stir together chicken, onions and water chestnuts; spread over cheese. In same bowl, stir a small amount of half-and-half into cornstarch until smooth. Add remaining half-and-half, eggs, soy sauce and pepper; mix until smooth. Pour over chicken mixture. Microwave (High) 5 to 6 minutes or until mixture puffs about 1½ inches along edges. Then stir gently, being careful not to break crust bottom and stirring cooked edges to center. Smooth top. Continue microwaving on Medium (50% power, 325-350 watts) 23 to 25 minutes or until knife inserted near center comes out almost clean. Let stand anout 10 minutes or until firm. Sprinkle with chow mein noodles. Serve warm or cold. Makes 6 to 8 servings.

Each serving: ⅛ of pie: 300 calories, 13g protein, 208mg calcium, 22g fat, 16g carbohydrate, 338mg sodium, 138mg cholesterol.

To make ahead and reheat: Prepare as above. Let stand 10 to 20 minutes; cover and refrigerate. To reheat whole quiche: Cut into wedges; arrange, about a half inch apart, on a microwave-safe round serving plate. Cover loosely with plastic wrap and microwave on Medium for 4 to 5 minutes (rotating plate once) or until quiche feels warm, but not hot. For one slice (⅛ of pie): microwave, covered, on Medium 1 to 1½ minutes or until warm, but not hot. Check after 1 minute.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Boost Your Diet

(Continued from Page B6)

CORN PUDDING

2 cups corn, fresh or frozen
2 eggs
1 teaspoon salt
¼ teaspoon pepper
1 tablespoon sugar
2 tablespoons butter
1 tablespoon flour
1 cup milk

Combine above ingredients and place in blender. Mix a few minutes until blended. Pour into buttered baking dish. Bake at 350 degrees for 35 minutes. Serves 6.

Nanette Bushong
Lancaster Co. Dairy Princess

OPEN-FACE SANDWICHES

Frankfurters
Sharp cheese
Tomato slices
Bread

For each serving, toast bread on one side, under broiler. Place toasted side down on cookie sheet. Top each with 3 lengthwise halves of frankfurters; then cheese slice and tomato slice. Broil under oven broiler until cheese bubbles.

Betty Biehl
Mertztown

CHOCOLATE CHIP CAKE

2 cups all purpose flour
1½ cups sugar
2 teaspoons baking powder
½ teaspoon soda
½ teaspoon salt
1⅓ cups dairy sour cream
⅔ cup butter
1 teaspoon vanilla
3 eggs
½ cup sugar
1 teaspoon cinnamon
1 cup semi-sweet chocolate pieces

Heat oven to 350 degrees. Grease 13x9-inch pan. In large bowl, combine first nine ingredients. Blend 1 minute at low speed; beat 3 minutes at medium speed. Pour half of batter (about 2½ cups) into greased pan. In small bowl, combine ½ cup sugar and cinnamon. Sprinkle half of sugar mixture and chocolate pieces over batter. Repeat with remaining batter, sugar mixture and chocolate pieces. Bake 35 to 40 minutes until toothpick in center comes out clean.

Jenny Bigelow
Blair Co. Dairy Princess

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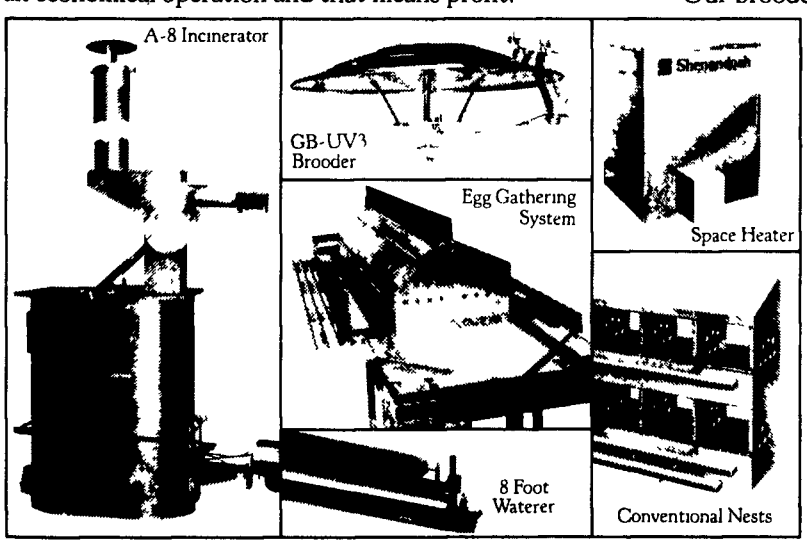

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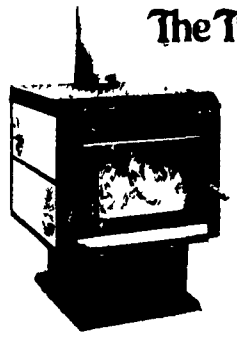

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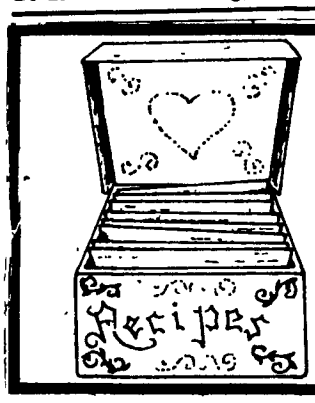


Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Litlitz, PA 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Ellen Hoover, New Holland, requests a recipe for homemade cheese that tastes similar to White American cheese.

QUESTION - Ruth Etta Nolt, Fleetwood, requests recipes for canning cream of mushroom soup that doesn't get tough or gummy.

QUESTION - Mrs. J. C. Ollinger, Lancaster, requests a recipe for Salisbury Steak with Bordelaise Sauce.

QUESTION - Stephanie Sudal, Pine Island, N.Y., requests a recipe for onion bread that is made without yeast.

QUESTION - Ida Keeny, New Freedom, would like a recipe for making apple butter without sugar.

QUESTION - I.R. Luttrell, Holtwood, requests a recipe for a good Italian salad dressing similar to the Good Season Salad dressing mix.

QUESTION - Mrs. Donald Retterburg of Woodbury would like a recipe for cheese soup similar to that served at restaurant salad bars. She also would like some jello salad recipes.

QUESTION - Edith Moore, Pennington, N. J., requests a recipe for Hawaiian cheesecake.

QUESTION - Estella Fink, Allentown, requests a recipe for chicken pie.

QUESTION - A reader from Litton, Ohio, requests recipes using okra.

ANSWER - Mrs. J. C. Ollinger, Lancaster, requested recipes for chocolate, banana, cherry and powdered drink ice cream pops. Thanks Loretta A. Mast, Elverson, for responding to this request. Loretta writes that her recipe has a smooth and creamy texture similar to creamsicles. She suggests adding ½ cup chopped fresh fruit to enhance the flavor. Also, thanks to Mrs. Roy Heckman, Mercersburg, for sending two.

Creamy Freezee Pops

2 cups chocolate or strawberry milk
OR
¼ teaspoon unsweetened powdered drink mix and 2 cups milk
½ cup sugar
1 stiffly beaten egg white

Mix milk, flavoring and sugar. Add fruit if desired. Fold in egg white and freeze overnight.

Chocolate Pudding Pops

1 small package chocolate pudding
3½ cup milk
½ cup sugar

Mix well and cook as directed for chocolate pudding This mixture will be thinner than regular pudding. Eggs may be added for extra moisture if desired Pour into molds and freeze overnight. Serves approximately 18-20.

Cherry Ice Pops

Dissolve the contents of one package of flavored gelatin and one package of powdered drink (use same flavor as gelatin), 1 cup sugar and 2 cups hot water Add 2 cups cold water. Mix thoroughly. Pour into molds and freeze until firm. Makes 18-20 pops

ANSWER - E. Zimmerman, Manheim, requested a recipe for Rhubarb Punch. Thanks Anna Martin, Reinholds, for sharing yours.

Rhubarb Punch

1 quart rhubarb,

Cut rhubarb in 1-inch pieces; add water to cover. Cook until soft, about 10 minutes. Drain. Makes 3 quarts juice.

Dissolve 3 cups sugar in 2 cups water and cook 10 minutes. Add juice of 6 lemons and 1½ cups pineapple juice. Mix well and add to rhubarb juice. Mix again. When serving, add 1 dozen ice cubes and 1 quart ginger ale. Makes approximately 1 gallon.

ANSWER - Shirley Bupp, Lancaster, requested a recipe for potato filling. Thanks to Mary Hoover of Womelsdorf, who sent in another recipe.

Potato Filling

2 quart mashed potatoes
½ cup butter
6 slices stale butter
½ cup milk
½ teaspoon pepper
1 cup celery
½ cup onion
2 eggs
1 teaspoon salt

Simmer celery and onion in butter for 20 minutes. Mix everything together and bake at 350 degrees for one hour.

ANSWER - Renee Hankins, Norristown, requested recipes for Tunnel of Fudge Cake, Chow Chow with lima and kidney beans, and creamy rice pudding. Thanks Mrs. Elmer Renoll, Seven Valleys; Verna Martin, Farmersville; and Marian Zeiset, Manheim, for answering her requests.

Chow Chow

2 cups peas
3½ cups lima beans
2 cups kidney beans, drained and rinsed in cold water
3 cups green beans, cut in 1-inch pieces
4 cups carrots, diced
3 cups whole kernel corn
4 cups each, red, yellow and green peppers, chopped
3 cups celery, chopped
1 cup onion, chopped
1 cup sweet pickle, chopped
4 cups cauliflowerets

Cook vegetables separately until just tender. Mix together all ingredients in large container.

Syrup:
3 cups sugar
2 cups white vinegar
1 cup water
1 tablespoon mustard seed
1 teaspoon tumeric

Mix ingredients for syrup. Add to vegetables. Mix well. To can: pack in clean jars with syrup ½ -inch from top. Put in canning kettle, cover with water and bring to a rolling boil for 10 minutes. Remove from canner.

Tunnel Of Fudge Cake

1½ cups butter
6 eggs
1½ cups sugar
2 cups flour
1 can double fudge frosting mix
1 cup walnuts

In a large bowl, cream butter at high speed. Add eggs, one at a time, beating well after each addition. Gradually add sugar and continue creaming until light and fluffy.

By hand, stir in flour, frosting mix and walnuts until well blended. Pour batter into a well-greased bundt pan that has been bread crumbed instead of floured

Bake at 350 degrees for 60 to 65 minutes. Let cake cool in pan before removing

Creamy Rice Pudding

¼ cup uncooked rice
2 cups milk
2 eggs, separated
6 tablespoons sugar
¼ teaspoons salt
1 teaspoon vanilla

Wash rice, drain and add to milk. Cook covered in top of double boiler until rice is tender (45 minutes). Beat egg yolks thoroughly; add 4 tablespoons sugar and salt. Stir some rice mixture into egg yolks that have been beaten. Add egg yolks to hot mixture and cook 2 minutes stirring constantly. Remove from heat and add vanilla. Beat egg whites until stiff. Add 2 tablespoons sugar. Fold beaten whites into custard Chill and serve. May add 1 cup of raisins while cooking the custard. Serves 6.

ANSWER - Rebecca Bechdel, Mill Hall, requested a recipe for creamy cole slaw. Thanks Mary Hoover of Womelsdorf, who sent in another recipe.

Creamy Cole Slaw

1 medium head cabbage, grated
½ cup chopped onion
1 cup mayonnaise
2 tablespoons sugar
2 teaspoons celery seed
1 teaspoon salt

Combine all ingredients Slaw is best if mixed several hours before eating.

(Turn to Page B9)

Red Rose Alliance To Hold Sale

GOODVILLE (Lancaster) — On Saturday, June 18, at 9 a.m., the Red Rose Alliance will host their seventh annual auction at the Goodville Fire Hall, Rt. 23, Goodville.

Among the numerous items to be sold are 15 quilts, guns, Winross model trucks, an airplane ride for two (scenic tour), antiques, and over 75 celebrity items.

The quilt patterns include Star Log Cabin, Lone Star, Dahlia, Double Wedding Ring, Red Rose, Dresden Plate, Love Birds, Broken Star, Shadow Box, Pinwheel, Four Patch and Sampler.

The celebrity items of special interest are Pittsburgh Penguins NHL Pennant with 20 signatures; Wheel of Fortune game; Hiroshima medal from Mayor Ed Koch of New York City; Charles Barkley of the 76'ers — an autographed 25th Anniversary yearbook; Vice-President George Bush — a pen with VP seal and signature; Melvin Belli, attorney — an autographed book; Phila. Eagles coach, Buddy Ryan, an autographed yearbook; autographed items from the World Wrestling Federation; sterling silver earrings from Joan Baez; autographed Dallas Cowboys cap from Tom Landry; autographed article from Alex Haley; autographed copy of "Exodus" by Leon Uris; an autographed biography by Conway Twitty; and items from ZZ Top.

Refreshments will be available with sausage sandwiches and fresh sausage and scrapple for sale among other homemade items.

The Red Rose Alliance formed in June of 1981 to oppose the placement of a hazardous waste dump at the Narvon Mine and to educate the public as to landfilling alternatives.

Donation and commission items are welcome. Please call Don Hibshman, RD 2 Narvon, at 717-354-5483.

Fair Days Scheduled

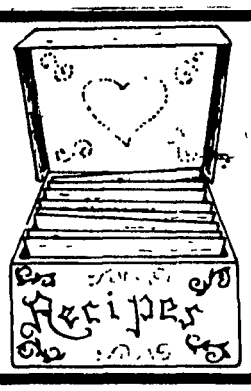
LANCASTER — Lancaster County 4-H members are gearing up for the 1988 4-H Fair to be held August 10 to 12 at the Manheim Fairgrounds. According to Zoann Parker, Lancaster County 4-H Agent, plans are well under way for an event filled fair.

"Right now we're busy organizing the many events for the 4-Her's and public to participate in and enjoy," Parker explained "With the help of many dedicated volunteers, we are putting together the third annual benefit auction, which is always an exciting part of the 4-H Fair

The auction will be held Friday evening, August 12, starting at 5:30 p.m. All monies raised at the auction go directly to the local 4-H program allowing all families to be able to afford all activities offered by 4-H

"Last year we raised over $7,000, Parker noted. This year our goal is $10,000 We're contacting local businesses and individuals and getting a wonderful response. We will have something for everyone!"

Anyone interested in donating to the 4-H Auction or receiving more information about the 4-H Fair should contact the Lancaster County Extension Office at 394-6851



Cook's Question Corner

(Continued from Page B8)

ANSWER - Mrs. Donald Retterburg of Woodbury requested gelatin salad recipes. Thanks Leah Peachey, Gordonville, for yours. Look for more on July 2, when "Home On The Range" will feature salads. Contributors may mail salads of all varieties.

Ribbon Salad

Layer 1:

Prepare 1 small package of red-colored gelatin. Pour into oblong cake pan.

Layer 2:

1 small can crushed pineapple
⅔ cup milk
16 marshmallows
1 8-ounce cream cheese
1 box lemon-flavored gelatin
1 cup whipping cream, whipped
⅔ cup nuts (optional)

Heat milk, marshmallows, and cheese in double boiler until melted. Add lemon-flavored gelatin. Let cool and add pineapple, nuts and whipped cream. Pour over layer of red gelatin after it has set. Chill.

Layer 3:

Prepare orange-flavored gelatin according to directions and pour on top of mixture. Let set until firm.

ANSWER - Ralph Baer, Temple, requested a recipe for Hungarian Goulash. Thanks to Martin L. Roy of Warrenton, Va., who sent his in.

Hungarian Goulash

1 pound stewing beef, cut into 1-inch cubes
¼ cup butter or vegetable oil
1½ cup chopped onions
1 cup stock, tomato juice, or red wine, or any combination of these
1 green pepper, diced
1 teaspoon salt
1 teaspoon paprika

Melt butter or heat oil in heavy pot. Brown meat on both sides and remove from pot. Add onions and saute until transparent. Add stock, green pepper, salt, and paprika. Return meat to pot. Cover and simmer for 1½ hours. It may be necessary to add more liquid. Remove meat from pot, and thicken stock for pan gravy if desired. Season to taste. Serve with noodles. Serves four.

Chris Davidson

Joann Glesner

Carla Snoke

Cumberland To Chose Dairy Princess

SHIPPENSBURG (Cumberland) — Three contestants vying for the title of 1988 Cumberland County Dairy Princess were feted to an evening tea, Thursday, May 26. The tea provided an opportunity for current Dairy Princess, Patty Dunkleberger, to share pointers on her responsibilities as dairy princess.

Competing for this year's crown will be Christine Davidson, R.D.#5, Shippensburg. Christine served as Junior Dairy Representative in the past. She is the daughter of Robert and Brenda Davidson.

Christine, currently serving as president of the Shippensburg Chapter of FFA, has fine tuned her public speaking skills having won the regional FFA speaking contest. She will be competing on the state level at Penn State University this month.

Christine is also currently serving as president of the 4-H West Horse Club and is an active member of the Cumberland County 4-H Horse Club. Included in her busy schedule, she manages to find time to participate in Shippensburg High School's Track Team. After graduation, Christine plans to attend Penn State where she will major in Pre-Vet or Agri-Business Management.

Also seeking the title is Joann Glesner, R.D.#5, Newville. Joann is the daughter of J. Glenn and Hope Glesner and has Junior Dairy Representative experience.

As an active member of her church, she has served as Sunday School teacher and Bible School teacher. Joann is also very active in the Big Spring High School Band serving in the Marching Band, Concert Band, Jazz Band, and Indoor Guard. After graduation in June, she plans to study nursing.

Competing also for this year's crown will be Carla Snoke. She is the daughter of Roy and Andrea Snoke, R.D.#1, Shippensburg. She has served as a Junior Dairy Representative for two years.

Carla, a graduating senior from Big Spring High School, is an integral part of Big Spring High School bandfront. She has served three years on the Concert Band and the Jazz Band. She is a member of the Track and Powder Puff Football Teams. Carla has also completed five years in the Blue Mountain 4-H Club. After graduation, she plans to attend Shippensburg University.

The Cumberland County Dairy Princess Pageant will be held June 17, 8 p.m. at the elegant Embers Convention Center on the Harrisburg Pike. Preceeding the Pageant, a fried chicken dinner will be served at 6:00. The cost of the dinner will be $12 per person. Reservations along with your check made payable to Cumberland County Dairy Princess Committee should be mailed to Margaret Smith, R.1, Box 590, Shippensburg, Pa. 17257, no later than June 6. Admission to the Pageant is FREE! Following the crowning of the 1988 Dairy Princess, door prizes will be given away while enjoying your own "custom made by you" ice cream sundae.

ANSWER - Sue Fair, Millers, Md., wanted to see more recipes that use basic ingredients such as eggs, flour, milk and sugar instead of recipes using ingredients that the average cook does not stock. Thanks to Jenny Stapleton of Clemson, S.C. who agrees. She sent a recipe "for the best pound cake you've ever had." Readers, we're still looking for more good "ole basic recipes."

Southern Pound Cake

3½ cups sugar
3 sticks butter
3 teaspoons vanilla or lemon or almond flavoring
6 eggs
8-ounces evaporated milk
3 cups cake flour

Preheat oven to 320 degrees Cream butter and sugar. Add eggs, one at a time. Add vanilla. Alternate adding flour and milk, one cup at a time. Mix well. Pour into well-greased, floured tube pan. Bake for approximately 1 hour and 15 minutes.

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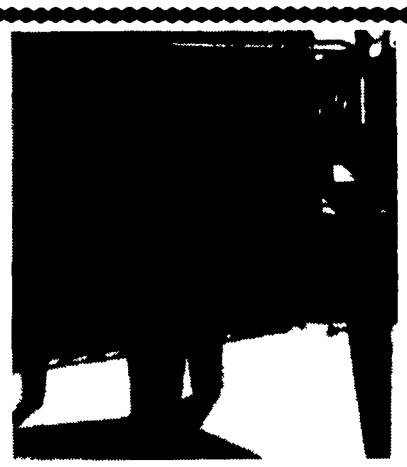

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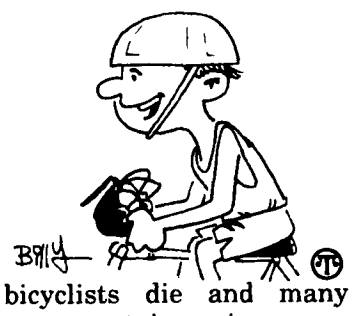
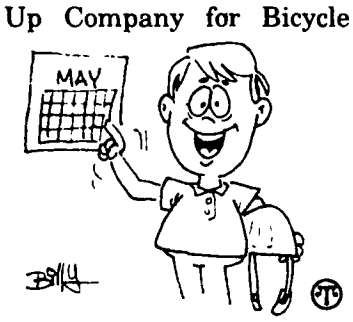
Kid's Korner

It's A Fact

If your child bicycles, wearing a hardshell bike helmet could save his or her life.

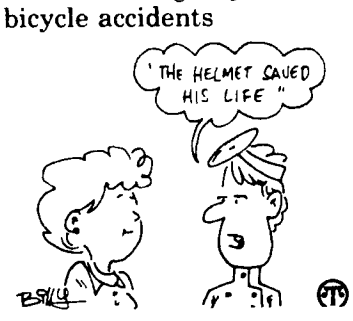
A properly designed helmet has four characteristics, according to "Up With Cycling," a safety program for youngsters created for The Seven-Up Company for Bicycle





Month, May 1988 The helmet should have a stiff and smooth outer shell and an energy-absorbing liner made of polystyrene at least 1/2 inch thick It should have a chin strap and fastener. It should fit comfortably, be lightweight and cool in hot weather.

Think a helmet costs too much? Consider this: Each year more than 500 young bicyclists die and many more sustain serious, permanent head injuries. Recent studies show bicycle helmets would protect against 75 percent of these deaths and injuries. Head injuries—almost always to cyclists without helmets—are the number one cause of death and disabling injuries in bicycle accidents

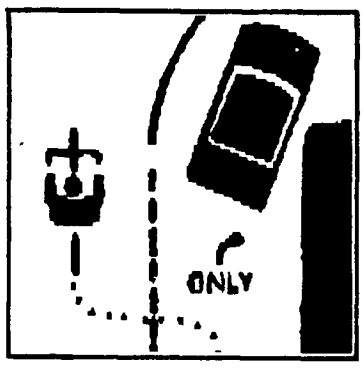


QUICK QUIZ

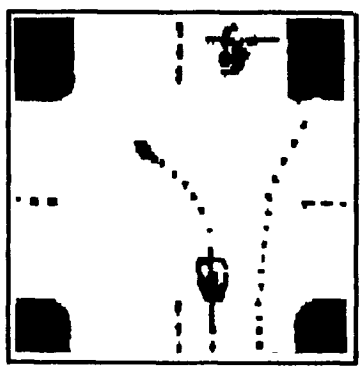
???????????????????????????????????

Up With Cycling!

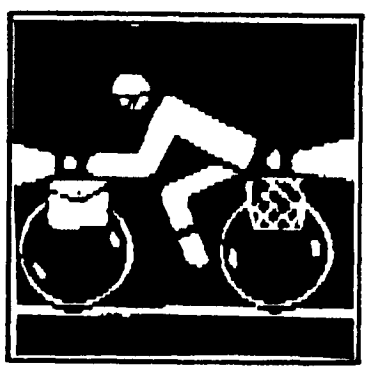
Safety is no accident. Safe biking starts with a safe bike and knowing the rules of the road. Here's a quiz on bike safety you might want to take with your youngsters:



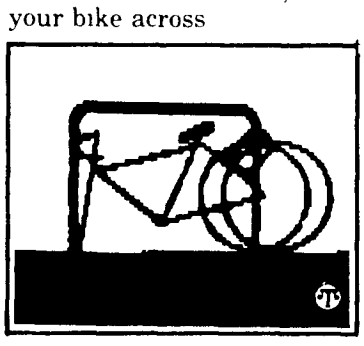
1 If you ride your bike in a lane marked right-turn-only, it's okay not to turn and just go straight a True b False



2 The best way to turn left on a bike is a, Like an auto—look, signal, move into the left lane and turn left b Like a pedestrian—ride straight to the far-side crosswalk, walk your bike across



3 To make sure your bike is the proper size for you, the top-tube should be three-inches from the crotch when you straddle the bike a True b False



4 The bicycle chain should have how many inches slack? a. 1/2-3/4 b 1/8-1/4

Answers

1 b You should always follow lane markings Don't go straight in a lane marked right-turn-only and don't turn left from the right lane 2. a or b. 3. b. It should be one-inch from the crotch, according to "Up With Cycling," a bicycle safety program created for The Seven-Up Company by Lifetime Learning Systems to introduce youngsters to safe riding skills during Bicycle Month,

Dusky, Our Playful Cat

Dusky, Our Playful Cat
By K. Jones
of Pen Argyl

Our family has a cat named Dusky. He is very active and playful for a cat. He plays hide and attack with people.

He catches dry cat food skittering across the floor and picks it up with his paws and puts the food in his mouth.

I am teaching him to hop up on his box, and catch cat food thrown in mid air and then eat it by bringing his paws up to his mouth.

Bicycle Safety Tips

If you ride a bicycle, street smarts can keep you on the road to safety.

Bicycling is freedom of the road. Your freedom and safety, and that of everyone else on the road, however, depends on everyone knowing and following the same rules and skills of the road.

Professional riders are seen, are predictable, and ride defensively. Here is how you can ride like a pro:

BE SEEN:

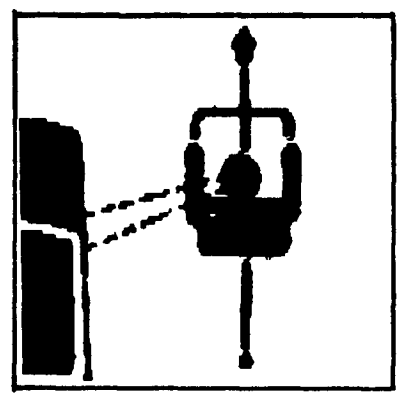
- Wear bright-colored clothing that makes you stand out during the day and wear light-colored clothing and use a bright headlight and taillight at night. Wearing a helmet also helps you show up, makes you look more professional and protects your head.

BE PREDICTABLE:

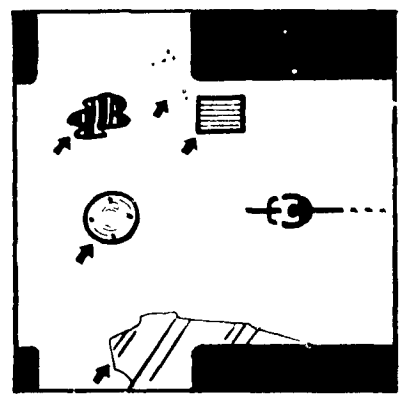
- Ride on the right side of the road with traffic. Stay far enough out from the curb to avoid parked cars, gravel, broken glass, potholes and other road hazards.
- Stop at red lights and stop signs and yield to other traffic when going from a minor street to a major street or from a driveway into a street. Don't make any sudden moves if other traffic is around.

RIDE DEFENSIVELY:

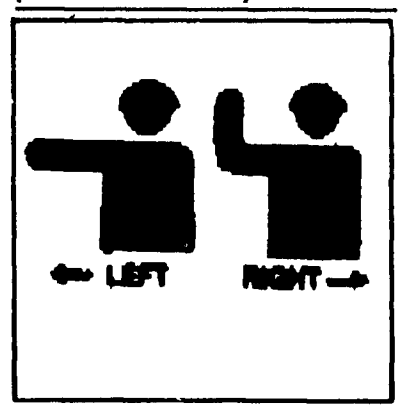
- Choose to ride on a route with few cars, slow traffic and easy intersections and on streets that have room for cyclists and motorists to ride side-by-side.
- When moving from one lane to another, or even changing positions in your lane, always look back first and yield to traffic.
- At really busy corners, you may want to walk your bike like a pedestrian, especially when making a left turn.



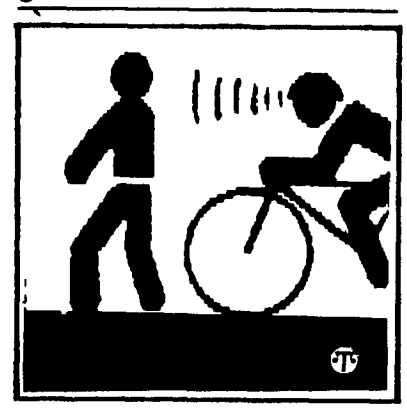
Scan the road behind. Learn to look back over your shoulder without losing your balance or swerving left. Always look back before changing lanes or position within your lane.



Avoid road hazards. Watch out for parallel-slat sewer grates, slippery manhole covers, oily pavement, gravel and ice.



Use hand signals. Hand signals tell motorists what you intend to do.



Go slow on sidewalks and bike paths. Pedestrians have the right-of-way. Don't cross driveways without slowing to a walker's pace and looking very carefully for traffic.

Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

How To Care For Milk

June is Dairy Month. Milk is one of our most nutritious foods. It is also a perishable food. Proper handling is essential to maintain the quality, flavor and nutritional value of milk. Milk should keep for 10 to 14 days after processing when it is properly handled.

Do you know that light is very harmful to milk? Light causes a tallowy, cardboard-like flavor in milk, and destroys some of the nutrients. Fifteen to twenty minutes of direct sunlight in the back of your car or one hour of daylight on your breakfast table is too much exposure to light. When you purchase milk, take it directly to your car and get home as soon as possible. Cover milk in your car to prevent light exposure. Use a blanket, metal or plastic picnic chest, or a cardboard box. Return any unused milk to your refrigerator immediately after use. Light penetrates glass and plastic containers more readily than colored paper containers.

Milk readily absorbs odors and flavors of fish, onions and many other foods. Keep milk containers covered or closed when stored in your refrigerator. Keep milk cold to preserve freshness and serve it cold for best flavor. The magic temperature is 40°F. or below for longest shelf life. The colder the better, down to just above freezing. Keep a thermometer in your refrigerator. Check the temperature of milk and food. Also check the accuracy of your thermometer in ice water to be sure that it is accurate. It should read 33°F.

Rotate your milk and be sure to use the oldest first. This is necessary with any perishable foods. Keep milk COLD, COVERED and in the DARK. This assures that milk will have good keeping quality and taste good when you drink it.

Have Fun With Vegetables

Savor the flavor and garnish your meals with a sprig or a sprinkle. Eating right can be as tasty as you want to make it, so give yourself a nutritional edge. Cut down on saturated fats and salt, total calories that may negatively affect your health. Eat more vegetables and add vitamins and fiber to your diet.

Fiber, found in the cell walls of plants, absorbs water and eases the passage of food through the digestive tract. Vegetables contain varying amounts of cellulose, hemicellulose and lingin, so they differ in fiber content. For example, carrots and cabbage add more bulk to a diet than do peas and potatoes.

Serve vegetables with a touch of crunch. Steam or stir-fry for tender-crisp texture that preserves natural nutrition. Try new combinations like carrots and celery or perk up plain cabbage with tomatoes and green pepper. Make a salad with green beans; sprinkle nutmeg on broccoli. Garnish a soup with the curl of a carrot.

Deep green vegetables provide vitamin A; dark yellow ones do, too. So add variety to meals. You might consider collard greens, winter squash or sweet potatoes as substitutes for carrots.

Fruits and vegetables make healthy partners. Use the together in salads and side dishes. Try red cabbage and apples for a sweet-sour sensation full of vitamin C.

Vegetables are naturally low in calories. Your family will benefit by eating them with herbs and spices instead of butter, salt or sauce. Fresh mint, rosemary and chervil, basil, chives and bay leaf are just a few of the zesty tastes you can keep bottled in your cupboard.

Combined with seasonings and cooked to taste, vegetables can become family favorites rather than a mound on the side of a plate. Dare to be different. Stir-fry carrots, cabbage and onion. It's an easy vegetable combination you can serve tonight.

The Chester County Pageant participants included (left to right) Kerri Miller, Tiffany Yeager, Elisa Wilkinson, 1987 Chester County Dairy Princess.

Tiffany Yeager Named Chester County Princess

BY MARJORIE KEEN
Chester Co. Correspondent

BRANDYWINE (Chester) — Sixteen year-old Tiffany Ann Yeager of Spring City was crowned 1988 Chester County Dairy Princess last Saturday evening. Kerri Ann Miller, 17, of Chatham was named Alternate Dairy Princess. The 1988 Dairy Princess Pageant was held on the grounds of Brandywine Hospital and Trauma Center, Caln Township, in conjunction with the hospital's annual strawberry festival.

The daughter of Harry and Leona Yeager, Tiffany is completing her junior year at Owen J. Roberts High School. Active in 4-H, her priorities are dairy and sewing. Tiffany owns three of the six Jerseys in her family's Agape Acres herd.

"I think personality is the most essential trait for a Dairy Princess. You can't be real shy and go out and meet all the people you have to meet," Tiffany said.

Accustomed to performing for others, the new princess belongs to several singing groups at school and church, including the select group, 7-UP. She is also involved in a puppet ministry and chose a puppet show that highlighted milk for her creative presentation at the pageant last Saturday.

Tiffany majors in agriculture and music at high school and hopes to study hair styling after graduation. Appropriately, the Dairy Princess works part time at a dairy store.

A graduating senior at Octorara High School and Coatesville Vo-Tech, Kerri plans to study commercial art at Millersville University next fall. She is active in Vocational Industrial Clubs of America and Future Business Leaders of America. Her part time job is at a department store.

The two girls were crowned by 1987 Chester County Dairy Princess Elisa Wilkinson of Landenberg. During her reign, Elisa made 108 appearances, promoting the product of Chester County's 300 dairy farms.

Charlene Ranck of the Chester County Milk Promotion Committee was in charge of the pageant. Robert Knutsen, Rising Sun, Md. dairy farmer, served as master of ceremonies. Judges were Phoebe Bitler, Fleetwood; Sheila Petersheim, Morgantown; and Daniel Martin, Manheim.

Other Chester County "royals" in attendance were Tiffany Rohrer, Pennsylvania Angus Queen, and Leigh Ann Brown, Pennsylvania Draft Horse and Mule Association Queen.

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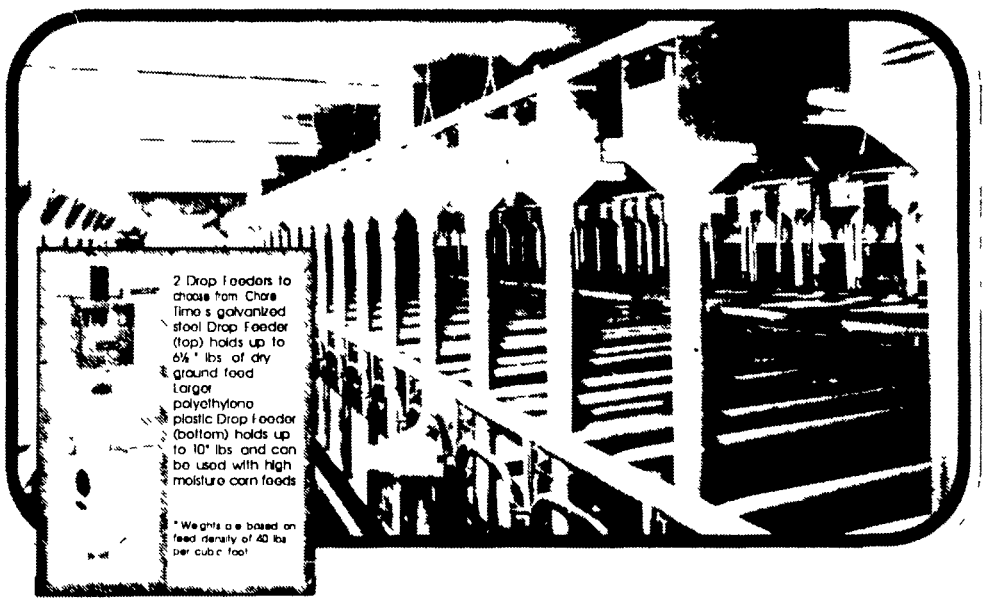
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Clothing And Textile Volunteers Recognized

BY LOU ANN GOOD

LEESPORT (Berks) — Clothing and Textile Master Volunteers from 16 counties received certificates and a recognition luncheon on Wednesday at the Berks County Agricultural Center, Leesport.

Clothing and Textile Masters are volunteers who are trained by professional extension staff and resource persons. In exchange for 30 hours of free training the Master Volunteers pay back 40 hours of volunteer time to their county extension services within one year.

Program training is conducted in three-day seminars. Michelle Rodgers, extension home economist for Berks County, said that participants receive up-to-date, in-depth, hands-on training and information in the following fields:

- Line, color and wardrobe
- Serger sewing
- Fitting and alterations
- Altering ready-to-wear clothing
- Creative teaching techniques
- Learn at home lessons.
- Textile update and more.

Students then discuss with their county home economist exactly how they want to repay their time. Most choose their area of expertise and interest.

The ideas for using their skills are as numerous as the volunteers. Fitting workshops, serger updates, tips for working with finer fabrics, home sewers guilds, fabric painting, scarf tying, sewing jams and stadium jackets, and wardrobe planning were named as programs that the volunteers are implementing in their counties.

Sarah Ellen Miller from Adams County plans to focus on clothing for persons with special needs such as those confined to wheel chairs and to amputees. To do this, she wants to develop brochures and implement a program that other counties can use in sewing for the handicapped.

Some volunteers have previously established sewing businesses. These women, like Valerie Strunic of Boyertown who sews bridal gowns, attend the program to update and enlarge their area of expertise. They then teach either in their establish area of skill or branch out in a new one. It allows them to gain recognition and experience personal growth through involvement.

A few volunteers plan to pass on their sewing skills by teaching minorities sewing skills. One assists a Vietnamese, who was a skilled seamtress in her own country, in adapting her skills to American sewing techniques. Another teaches at the York Spanish American Center.

In order to teach programs in their county, there must be a local need. One participant remarked that she had hoped to teach sewing for children, but someone else in her county is currently teaching on that topic. Consequently, the volunteer is developing a program on sewing draperies.

Comments of those participating in the program reveal their enthusiasm for the program. Jean Henry of York said, "The training was a wonderful experience. I enjoyed sharing fabric and sewing knowledge with kindred spirits."

Extension home economists are equally enthusiastic. Lebanon home economist, Alletta Schadler, said, "I'm looking forward to working with these enthusiastic volunteers. They have skills, talents and ideas to share with folks who want to learn more about clothing and textiles." She challenges, "Stay tuned for some exciting new programs."

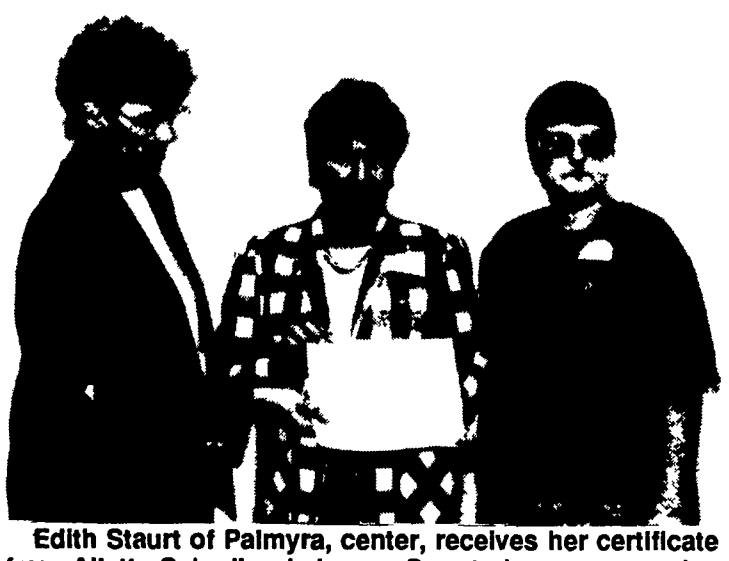
Edith Stuart of Palmyra said, "It opened a whole new world to me. I found ideas are limitless and I plan to soar like a kite in developing them." She desires to teach women how to plan an entire wedding, from start to finish.

The luncheon included a special program by Barbara Emery, instructor for "Looking Terrific At Every Age." Emery spoke on "Your Personal Style." She said, "There is no such thing as an unattractive woman, only a woman who doesn't know how to take care of herself." Look in next week's issue of "Lancaster Farming" for an in-depth article that reveals Emery's secrets for gaining an individual look that portrays confidence.

Participants of the program enjoyed exchanging ideas during the luncheon held at the Berks County Ag Center, Leesport.

The cooperative Extension Service receives funds from federal, state and local levels to plan, deliver and evaluate educational programs. To continue to provide programs for youth and adults, additional volunteer input in new and expanded programs is needed. Volunteers receive a resource notebook, a certificate of completion and Continuing education credits from Pennsylvania State University.

If you are interested in becoming a clothing and textile master volunteer, contact your local extension office for information.



Edith Staurt of Palmyra, center, receives her certificate from Alletta Schadler, Lebanon County home economist. The certificate qualifies her as a Fabric and Textile Master Volunteer. Grace Ann McMullen of Palmyra, right, also received the certificate.

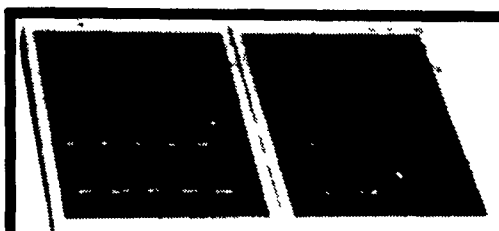
Shopper Stoppers Promotion

EAST BERLIN (Adams) — The Adams County Dairy Promotion Committee recently sponsored five grocery store promotions in the Adams County area. These dairy promotions were entitled "Shopper Stoppers" because many shoppers were randomly stopped at various store's check-out counters and received their "Real" dairy products for free.

The Adams County Dairy Princess, Josie Hess, assisted with all the store promotions. She told the shoppers that when shopping for dairy products, always look for the "Real Seal" which guarantees genuine dairy products and not imitation. Several committee members were on hand to assist the Dairy Princess by handing out "Real Seal" pamphlets and answering any questions.

Adams County Dairy Princess, Josie Hess, gives Holly Crone an early education by telling her and her mother Cheryl Crone to look for the real dairy seal.

The Adams County grocery stores that participated in the "Shopper Stoppers" included: Nell's Super Market of East Berlin, Kennies Market of Gettysburg, Smith's Market of York Springs, Lynn's Market of New Oxford, and Super Thrift of Bonneauville.



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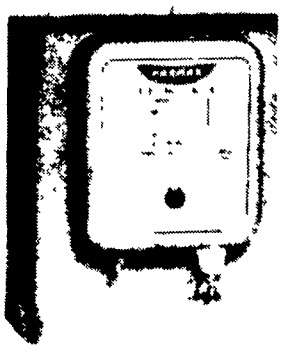

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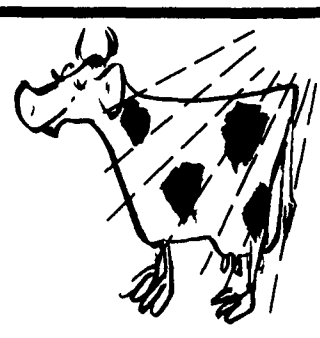

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Chester Names Dairy Cook-Off Winners

BY MARJORIE KEEN
Chester Co. Correspondent

GUTHRIESVILLE (Chester)— Lo-Cal Corsican Chicken won Cindy McGrath of West Chester a 200 dollar shopping spree at Cropper's Market, Guthriesville, last Saturday. It was Chester County's First Ever Low-Calorie Dairy Recipe Contest cook-off. McGrath was awarded first prize following judging at the Brandywine Hospital and Trauma Center Strawberry Festival on the hospital grounds in Caln Township.

Second prize went to Ann Nace of Perkasie for Shimmering Buffet Mold. Ellie Marsh, Lewistown, placed third with Chicken Surprise.

Sandra Rygle of Carmichaels took fourth prize with Scallop Bake with Wine. Her husband Stanley's Mexican Style Quiches placed fifth. And Baked Fish was sixth prize winner for Dorothy Johnson of Downingtown.

Dave Burkhardt, Brandywine Hospital chef; Mary Ann Cleary, Dairy Council; Bob Cropper of Cropper's Market; and Valerie Nartowicz, Brandywine Hospital Weight Control Program, judged the dishes for effective use of low fat dairy products, taste and visual appearance. The judges also considered originality, creativity, ease of preparation and nutritional quality.

The contest was sponsored by Brandywine Hospital, its Weight Control Program and the county and state dairy promotion programs.

Donated prizes, in addition to the shopping spree at Cropper's, included a 50 dollar savings certificate from the Bank of Lancaster; a box of steaks from Toby Hill Farms, Honey Brook; a year's supply of ice cream from Turkey Hill Dairies, Lancaster; a set of saute pans from E.H. Keen and Son, Parkesburg; and a 20 dolalr gift certificate from Acme Markets, Philadelphia. For the first prize recipe, turn to page B6 "Featured Recipe." Other winning recipes follow.

Shimmering Buffet Mold
Ann Nace, Second Prize

1 pint cream-style cottage cheese
¾ cup milk
1 envelope unflavored gelatin
2 tablespoons chopped chives
¼ cup chopped pimento
3 tablespoons finely chopped pecans
1 tablespoon grated lemon rind
2 3-ounce packages lemon flavored gelatin

Mix unflavored gelatin and milk. Heat until gelatin is dissolved. Add to cottage cheese. Stir in chives, pimento, pecans and lemon rind. Let stand at room temperature. Prepare lemon flavored gelatin according to package directions, but using 1½ cups water for each package. Chill until mixture is slightly thickened. Fill lightly oiled 1½ quart mold with alternate layers of cottage cheese mixture and lemon flavored gelatin. Chill until firm, about 3 hours. Serve with cheese crackers, radishes, parsley and lettuce.

Chicken Surprise
Ellie Marsh, Third Prize

2 slices low fat cheese
4 boneless, skinless chicken breasts, pounded to ¼ inch thickness
½ teaspoon sage
1 tablespoon flour
1 10-ounce box frozen broccoli spears
1 8-ounce pack low calorie Swiss cheese or shredded taco cheese
¼ cup dry white wine
½ cup half and half
1 tablespoon minced parsley
2 tablespoons butter
¼ cup chopped onions
Salt to taste
1 small jar or can sliced mushrooms

The six finalists in the Chester County Low Calorie Dairy Recipe Cook-Off were (left to right) Ellie Marsh, Lewistown; Sandra Rygle, Carmichaels; Cindy McGrath, West Chester; Stanley Rygle, Carmichaels; Ann Nace, Perkasie, Dorothy Johnson, Downingtown.

1 teaspoon ground pepper

Preheat oven to 375 degrees F. Cook broccoli for 4 minutes, drain and cool. Spray Pam on pan or baking dish and add 1 teaspoon butter, melted, to bottom. Place broccoli and shredded cheese on each chicken breast and roll up. Bake in prepared pan or dish, covered with foil for 15 minutes. Uncover and bake 30 minutes longer.

Meanwhile, in medium saucepan, melt 1 tablespoon butter and add chopped onions. Cook for 3 minutes. Add mushrooms and cook 2 minutes longer. Stir in flour and heat, stirring constantly, for 1 minute. Slowly add half and half and wine (if desired) until smooth. Bring to a boil and stir until thick. Season with salt and pepper. Add two slices cheese, broken into pieces, and stir until blended. Pour over baked chicken or serve separately. Garnish with parsley.

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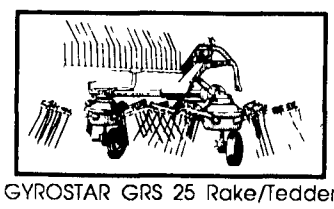
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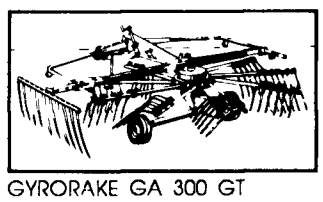
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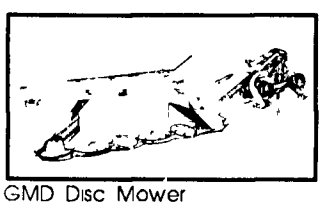
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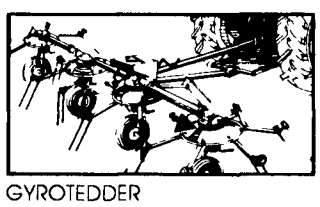
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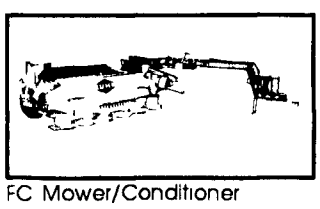
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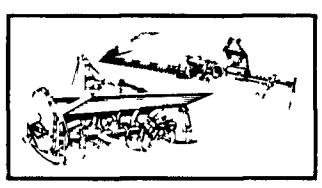
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Experts To Discuss Farm Problems

HALIFAX (Dauphin) — A panel of experts will teach on farm financing, stress management, insurance, liability, bankruptcy, and the role of Christians in influencing farm policy on the weekend of August 12 through 14 at Camp Hebron's 7th Annual Farmers' Retreat. Pastor Raymond E. Kauffman of Mifflintown, PA will bring a spiritual emphasis to the weekend.

The presentation on farm financing will be led by Keith Silsee of the Lebanon County Farm Credit Bureau; stress management will be taught by Leon M. Hoover, a counselor at Philhaven Hospital; and John B. Shenk of the Office of Sharing Plan for Lancaster Conference will discuss insurance, liability, and bankruptcy. C. Herbert Zeager of Turbotville, PA will share on the role of Christians in influencing farm policy, and Wilma Kauffman will lead a discussion on women's interests.

Because the retreat is designed to meet farmers' needs for physical and spiritual refreshment as well as their need to be informed, large blocks of time will be set aside for rest and recreation. Swimming, boating, horseback riding and hiking are all available at Camp Hebron, a 300-acre camp located 20 miles north of Harrisburg, PA. Further information can be obtained by calling 717-896-3441.

Three generations of Erbs are involved in the day to day operations of Brooklawn Farm Market. From left, back row: Romaine, Roy and Ruth. Kneeling, from left: Diana, Jim and Jeffrey.

Picking Time In The Strawberry Patch

BY LOU ANN GOOD

LANCASTER — It's picking time in the strawberry patch. And this week pickers at Brooklawn Farm Market, Route 501 and Kreider Avenue in Lancaster, are stuffing their boxes and their mouths with the lush berries.

Folks from as far away as Wikes Barre make an annual trek to the market's strawberry patches where they vouch that the thing they like best about strawberry picking is eating them.

Owner Jim Erb joked, "We don't weight our customers to find out exactly how much they're eating."

Jim and his wife Romaine are more concerned about keeping their customers happy. Romaine said, "The neatest thing is seeing customers keep coming back."

Jim agreed. He said, "I like to think that our place is the community garden for the local people. Our customers are just like extended family."

Their business began almost 50 years ago when Jim's parents, Roy and Ruth Erb, sold excess produce from their garden.

Jim said, "For them, selling produce along the road was like a sidekick business off their farming duties. It did not become a serious venture until the early 1950s when Mom and Pop built a roadside stand."

If you'd like to sample jams before you buy them, then Brooklawn Farm Market is the place to go. Here, six-year-old Diana Erb puts some sugarless strawberry jam on a cracker.

In the beginning, the Erbs did not sell strawberries. It wasn't until Jim took over the business that strawberries were added to their stock. Jim explained, "In 1980 we had a peach crop failure. I started looking at other options and was intriqued by strawberries. We started with only ½ -acre patch and planted more as public demand grew."

Today, in addition to their 3-acre strawberry patch, the Erbs stock their roadside stand with produce from their farm with its 60-acres of sweet corn, 10-acres of peaches, plums, pears, nectarines, apples, and apricots; and ½ -acre sugar peas and 2-acres of pumpkins, Indian corn and gourds. Recently they added three-acres of Christmas trees to their farm. What the Erbs do not grow on their farm, they delegate to other local farmers to provide for their market.

The diversity offers them versatility and, if the weather doesn't cooperate, it doesn't mean a total monetary loss for the season.

Although strawberries have a relatively short growing season of three to four weeks, the labor doesn't start and end within that time.

Jim said, "I build and repair most equipment. And there's mulching, chisel plowing and planting to do in the different seasons."

Romaine inserted, "We attend fruit and vegetable conferences, do our own bookkeeping and tax records."

Do-it-yourself pickers make up only a small part of the labor force

(Turn to Page B16)

Two-year-old Ashley Gerhart enjoys the sweet taste of a vine-ripened strawberry. Ashley is the daughter of Brian and Krista of Lititz.

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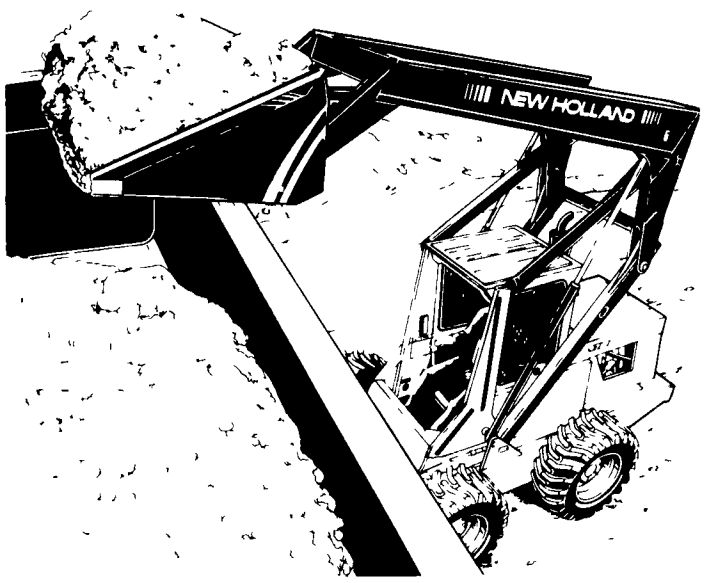

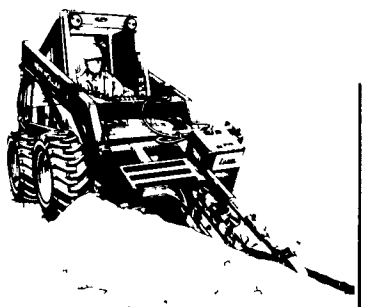

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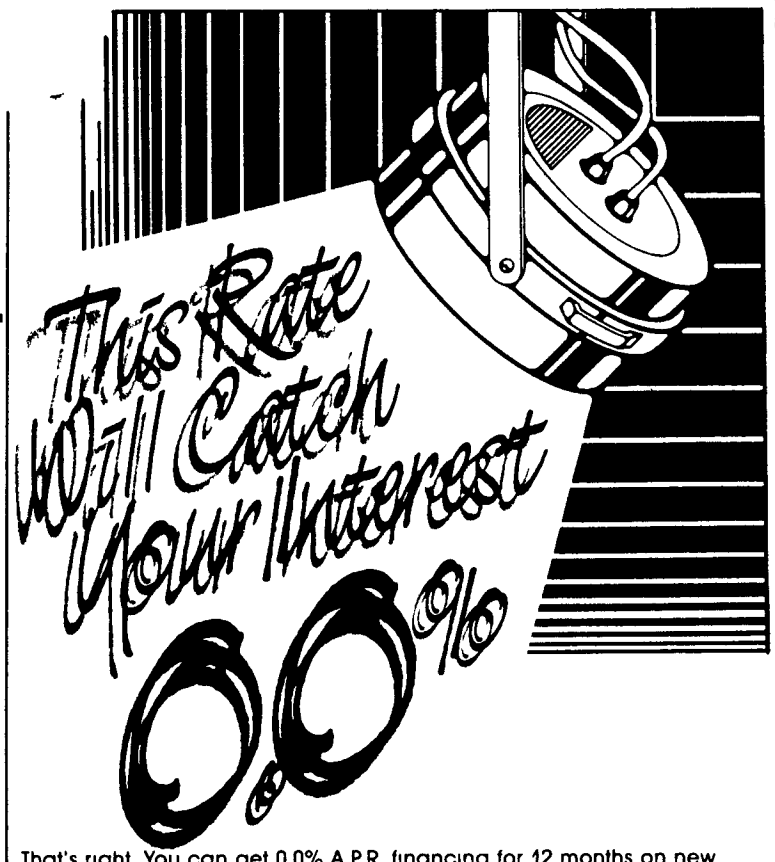

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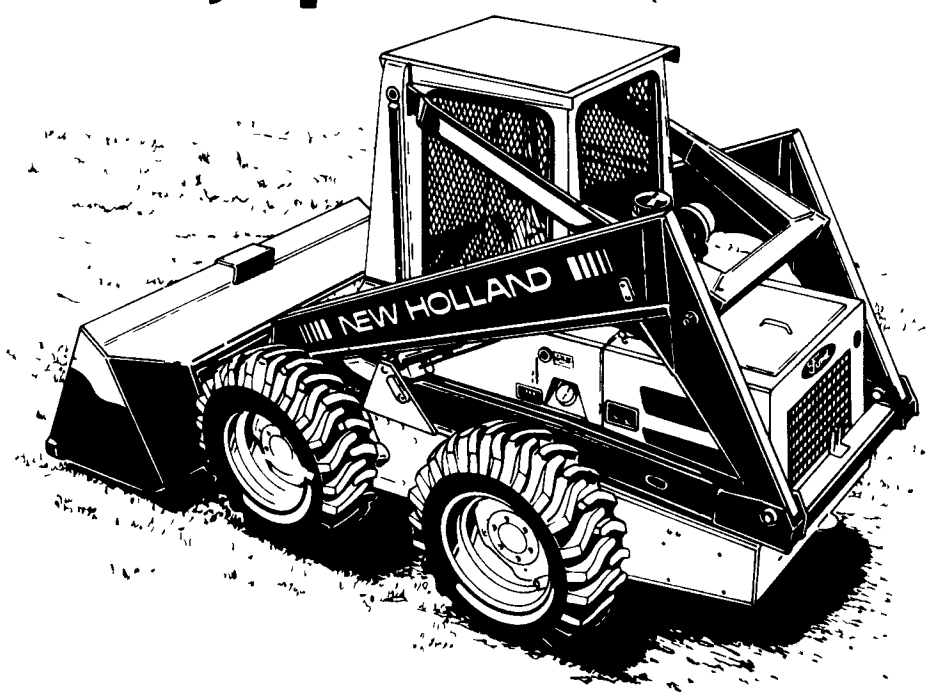

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Picking Time

(Continued from Page B14)

needed to pick the berries before they overripen. To keep up with the growing season, Jim employs teens, college students, and migrant workers who pick the three varieties, Early Glow, Raritan, and All Star, which the Erbs harvest.

To the untrained eye, there is no discernable difference among the three different varieties. Which tastes best? Jim answers, "That depends on what you like—everyone has their own preferred taste—and when it depends to on what stage they're picked."

"Berries taste best when picked at their prime," Jim said. "They can be picked in their orange stage and left to ripen at room temperature. If berries are picked in the firm stage, they should be able to be kept in the refrigerator for one week." Ripeness can be manipulated by slowing it down by refrigerating them or speeding it up by placing them at room temperature.

Jim allows three year pickings off his patch. Each year he plants a new patch. He said, "By the third year, the berries are usually smaller— but not always. We call them our bargain berries for those who are looking for a cheaper option."

Jim prefers that the peak picking time be spread over a three to four week period rather than a one week splash. He remarked, "As the plant continues to produce, it gets tired."

To replenish the plant's nourishment, Jim often irrigates. "But," he cautions, "ripe fruit shouldn't be watered." So before he irrigates, he makes certain that all ripe berries are picked.

Although the Erbs do advertise, they find many customers, who pick between 2 to 150 quarts, return or hear about them by word-of-mouth. Why do customers continue to return year after year?

Jim answers, "We have good, clean fields and quality fruit. If plants are too dense, it's hard to find the berries. We try to space them so that doesn't happen."

He calculates that for every two-feet section of a row will produce 1½ quarts of berries.

Although the strawberries have been slow in coming due to the cooler weather, Erb said, "This year is an ideal year for strawberries. The heavy rains came before the berries were ripe and consequently did not hurt them."

What crop does the Erbs enjoy producing most? Romaine paused, then said, "I like June because it's strawberry time. And I like July because the corn comes and then peaches...Oh," she contended, "I like them all. It's so much fun to see things grow and to see satisfied customers."

She added, "It's something our family can do together. I like to watch Jim driving a truck full of produce in from the fields. There's this big grin on his face like he's the happiest man in the world. It's just so much fun. We like every part."

The whole family joins in the fun in the strawberry patch. From left: Diana, Jeffrey, Jim and Romaine.

Both she and her husband had been teachers at a local high school. They met while teaching and Romaine jokes that the summer before they married, Jim employed her "to see if I could work on the farm."

Evidently she passed inspection because she said, "We got married ten years ago and I've been working ever since."

Every year, Romaine tries to add a little something to their market. She's added such things as plants, fresh and dried flowers, jams and jellies, and this year, a herb and rock garden. Romaine admits, that being part of produce farm is in her blood. For those who wonder how Romaine gets everything done, she has one simple explanation, "I work best under pressure."

Although both continued teaching and working parttime on the farm for several years, Romaine said, "It was too much to do so several years ago we gave up our teaching jobs and went fulltime into this."

Jim's parents, now retired, continue to help them out in the marketing end. And Jim and Romaine's two children, Diana, 6; and Jeffrey, 3; have joined the family business. Diana said, "I like to weigh the produce for the customers."

And Jeffrey said, "I pick strawberries and eat them." His favorite spot is sitting in the back of the truck with load of strawberries and sampling them.

Three-year-old Jeffrey plunks down in his favorite spot to sample strawberries that the hired pickers gather to sell in the market.

Indiana County Pageant

INDIANA — Two young ladies will compete for Indiana County Dairy Princess title on June 18 at McVitty Auditorium Sprowls Hall Indiana University at 8 p.m.

Competing for the title are Coleen Bruner, daughter of Mr. and Mrs. Clark Bruner Sr. of Blairsville and Bonnie Kirkland, daughter of Mr. & Mrs. Harold Kirkland, Clymer. This year, eleven girls between 8 to 12 years of age will participate in a parade during the festivities.

An ice cream sundae social follows the pageant. Cindy Deabenderfer the current Dairy Princess invites all interested people to attend.

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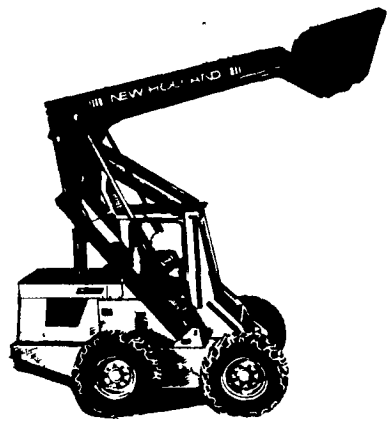

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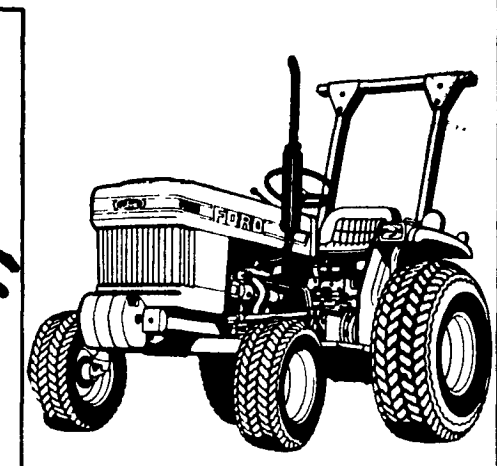

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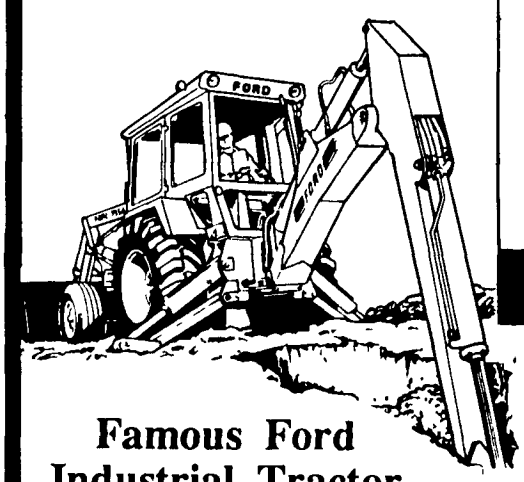

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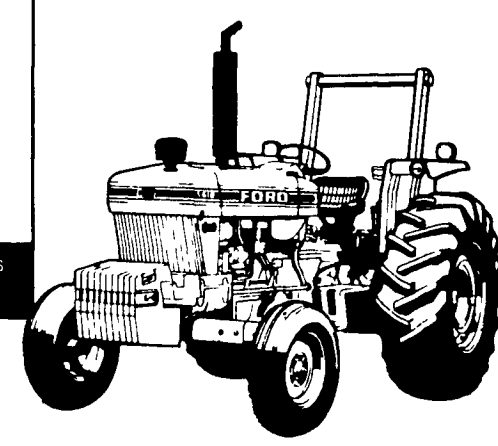

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Gillian Kieff Shines As Dairy Princess

BETHANY (Wayne) — Seventeen-year-old Gillian Kieff captured the Wayne County Dairy Princess crown at the May 28 pageant. It was held at the Bethany Methodist Church Hall in Bethany.

Gillian is the daughter of Robert and Dorothy Kieff, R.D. 2 Hawley, and attends Honesdale High School. Her activities include track, field, band front and she is a member of the Catholic Youth Association. The Kieffs live on a 112-acre farm with 50 Holsteins. Besides owning four head of the herd, Gillian helps with the farm work. After graduation, she plans on attending college.

First runner-up Carolyn Weist, 17, is the daughter of Andrew and Donna Weist of Honesdale. At Honesdale High School she is a member of the National Honor Society and participants in cross country and track and field. She is also a 4-H member and serves on 4-H County Council. The Weists operate 135-acre Steep Hill Dairy with 107 Holsteins. Carolyn owns two cows.

Newly crowned Gillian Keiff sits in front of runner-up Carolyn Weist.

Dairy Maid Carla Soden is flanked by Holly Weist and Melissa Megivern.

Carly Soden, 15, was named Dairy Maid for the county. Carly is the daughter of David and Peggy Soden, who farm 124-acres in Starrucca. She attends Susquehanna High School where she is an honor student and participates in softball and basketball and is a 4-H member.

Dairy Maid, first runner up, was Holly Weist, 15, daughter of Andrew and Donna Weist of Honesdale; and Melissa Megivern, 15, daughter of Joyce Megivern, Pleasant Mount.

Judges for the event included: James Cappuci, former dairy farmer; Sandra Corselius, home economics teacher; and Edward Histed, WDNH radio co-owner.

Ida's Notebook

Ida Risser

Once again I'm in the midst of picking both sugar peas and strawberries. At this time of year I'm lucky to have a housing development near our farm as it provides me with customers for my produce.

This year either rabbits or groundhogs or both are eating my vegetables. They feel that I've "set the table" for them, and so they help themselves. Even some weeds are being chewed off this year, which surprises me.

Cindy came home recently to help me celebrate my birthday. She barbecued some chicken and made a delicious cake for me. The best gift was simply having her make the three hour trip home for the weekend. One son had sent gift certificates for a fancy restaurant earlier, and we used them the next day.

My husband also had a birthday last month, and I planned a surprise dinner party for him. It took a little time and effort but I enjoy cooking. I'm sure that he was glad to see some of his friends again. He hit the big 70 this year but still milks cows morning and evening, although he tells me that the farm work makes him more tired than it did 20 years ago.

I find that it is difficult to realize how old one really is as the years pass quickly. When I see a man or woman 30-years-old and know that I knew their parents when they were the same age, then I surely know that many years have passed.

However, as long as I feel fine it doesn't matter how old I am. Our health seems to become very important as we get older. As a young person, one merely takes good health for granted. All my life I've been a person who does not go to a doctor unless there is a major illness. So, I'm not looking forward to making regular visits to a doctor's office in coming years.

Dairy Shorts

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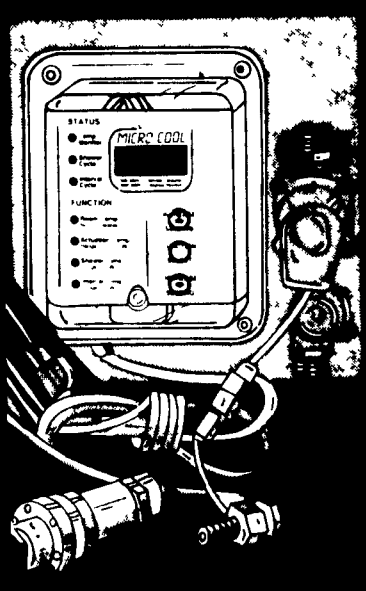

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Families Tell Why They Love Living On A Dairy Farm

From the Myers of Chambersburg: (from left) Tonya, Joan, Charles, Travis, and Tyler. "We enjoy living on a dairy farm because of the space for the children, learning experiences everyday and the closeness of working together."

Again and again dairy farmers extoll the virtues of their lifestyle. These happy families confirm that living on a dairy farm is a way of life that they are not about to trade.

We offer this special tribute to these families and the many more who through labor and love feed the world.

From the Leathermans of Hamburg: (left to right) Jina, Clarinda, Nate, Nancy, Dan and Benji. "Keeping all of us working together while producing nature's most nearly perfect food is what makes dairy farming a fun experience for our family."

From the Heffners of Kutztown: (left to right) Elliot, Martha, Lynette, and Gary. "Enjoy milking 40 Holsteins and farming 200 acres of alfalfa, corn, wheat and oats."

The Troutmans from Richland: Nelson and Mary with sons Jeremy, 12; Justin, 8; and Jaclyn 6. "We are in a partnership with Nelson's father. The farm is a good place for children to learn and mature. We all like it."

From the Liebs of Spangler: (left to right) Ben, Mary Beth, Aaron, Ralph, Marty, Marie and Bob. "We enjoy living on a dairy farm and living in the country. Children have the opportunity to share responsibilities and to build character."

The Biehls from Kutztown: Dalton, Vickie and children Bradley and Kelly Lynn. "We farm 130 acres on the Corner View Farm and milk 45 Holsteins. Living on a dairy farm enables us to spend more family time together. We are the third generation on the farm for over 65 years. Who knows? Maybe our children will pass on the tradition."

From the Brickers of Chambersburg: (left to right) Janice, Steven, James, Dennis, David and Matthew. "We enjoy living on a dairy farm because of the time we can share working and playing together. It's the best place for learning respect and love for the land and animals."

4-H Summer Camp

FLEMINGTON, NJ — Hunterdon County 4-H Summer Camp registration is now open to 4-H members and non-members alike on a first come first served basis. The fee for the July 25-30 resident camp is $88.00. Registration forms and information are available at the Hunterdon Cooperative Extension Center, 201-788-1340 or 1341, 4 Gauntt Place, Flemington, 08822.

Rutgers Cooperative Extension operates two year-round 4-H camps. This summer Hunterdon County will be utilizing the L.G. Cook Camp in Stokes State Forest in the heart of Sussex County. The camp has its own beautiful spring-fed lake for swimming, boating, and fishing.

The 4-H Camp is owned and operated by Rutgers University through the 4-H Department of Rutgers Cooperative Extension which offers its services and activities regardless of race, color, national origin, sex or handicap. Cooperating Agencies are: Rutgers the State University, U.S. Department of Agriculture and the Hunterdon County Board of Chosen Freeholders.

The program is under the direction of a 4-H agent from one of the attending counties and the camp director. The camp is open during the fall, winter and spring to schools for outdoor education, churches, organizations and private 4-H family groups. During the winter, counties use the facilities for weekend conservation and recreation camps.

During the summer 4-H Camp season, a permanent staff is on hand, consisting of the cook and helpers, water safety instructors, nature instructors, craft shop managers, fishing instructors, health director, craft shop managers, fishing instructors, health director, camp ranger and camp director.

The summer camp program consists of swimming, boating, canoeing, crafts, fishing, outdoor education, games and camp land sports. Evening programs include fun-all camp activities. Each day is begun with a flag raising ceremony. Each evening an inspirational vesper program is conducted.

Directors of Hunterdon's camp are County 4-H Agent Terese Flory, and 4-H Program Associate, Donna Woody.

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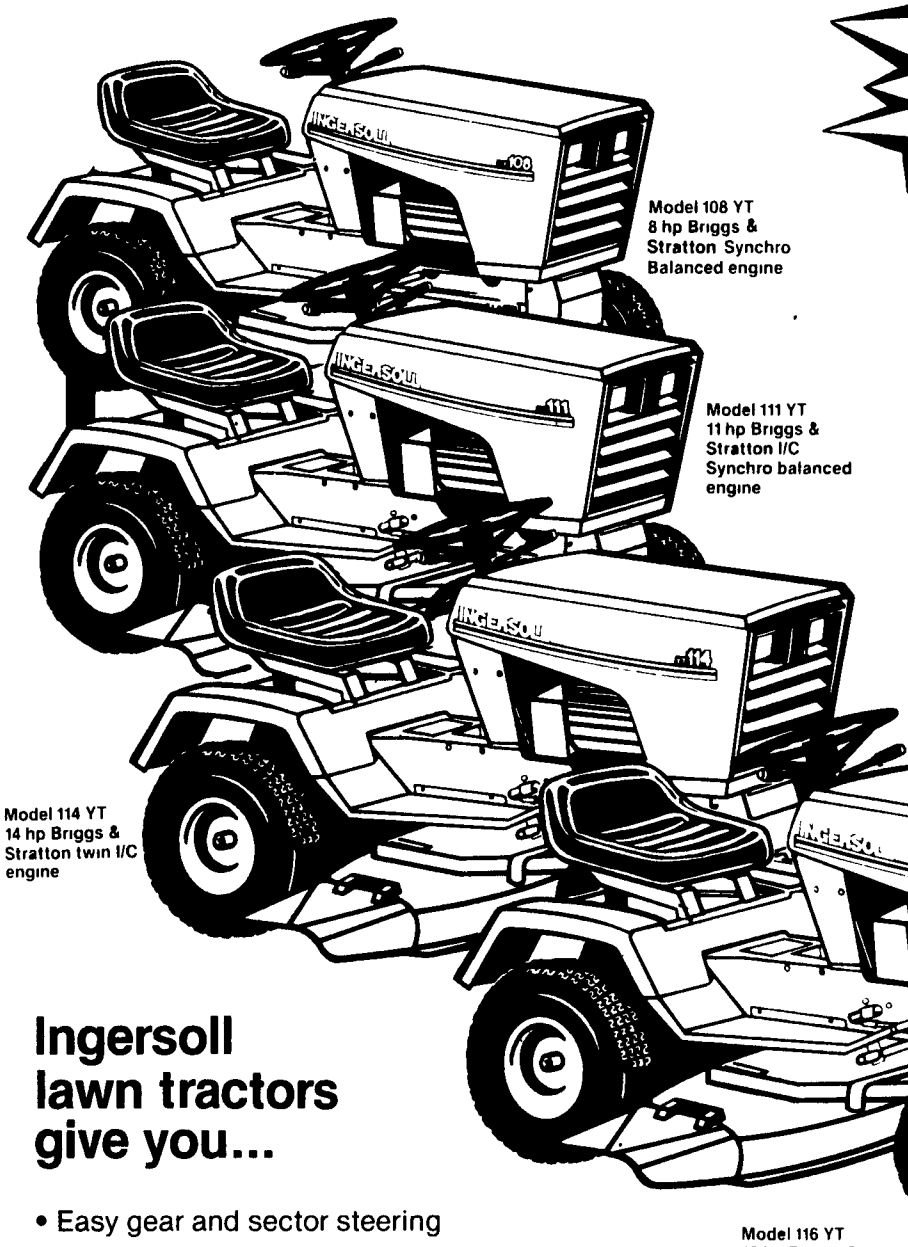

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Hints For Summer Job Seekers

UNIVERSITY PARK (Centre) — With only a few days of school remaining, many young people are looking for summer jobs. If you or someone in your family is seeking summer employment, following are a few guidelines when looking for a job.

1. Before beginning to complete job applications, talk to five responsible adults (not relatives) in your community and ask permission to use their names as references. Never use a person as a reference unless you have checked with them first.

2. Be clean — remember to pay special attention to your hair and nails. Avoid too much make-up, extreme hair styles and excessive jewelry.

3. Be neat — clothing should be without wrinkles and tears; shoes in good condition.

4. Go alone when applying and when being interviewed.

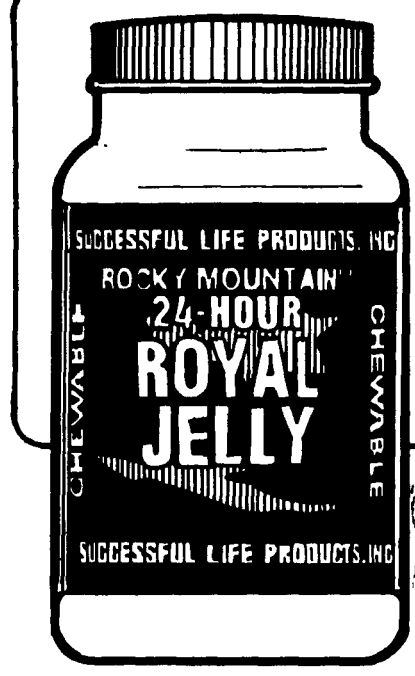
5. Be on time.

6. Be polite and honest. Thank the person for his/her time and it is a good idea to follow up the interview with a short thank you note.

7. After an interview do not call or visit the office to see if you got the job. Be patient and wait for the employer to contact you.

8. If there were no openings when you first applied, return to or call the personnel office once ever 9-10 days to ask if they now have any job openings in your category. This reinforces the fact that you really are interested in acquiring employment.

A good first impression is what often creates a job opportunity for a teen. Presenting oneself as a mature, neat and responsible person is an important first step in getting a job. Following the guidelines outlined above should help make summer job hunting successful.



- *What is the most exciting substance overseas today?*
- *What do millions of Chinese insist on using daily?*
- *What did ABC's Ripley's Believe It Or Not feature on prime time television?*
- *What substance did researchers from the New York Medical College discover contains a sex hormone?*

It's royal jelly . . . and one brand stands above all others:

Rocky Mountain™ Royal Jelly

It's America's favorite!

What Is Royal Jelly?

Royal jelly is a substance made by worker bees for the queen bee It has scientists baffled, for royal jelly, through a special metamorphosis, can transform an ordinary female bee into a queen bee and will increase her normal lifespan of 3 months to over 5 years The queen will become incredibly fertile on this diet and will lay up to 2½ times her own body weight in eggs in a single day

What Does It Contain?

It's a storehouse of B vitamins and contains one of the world's richest natural sources of pantothenic acid, known as the stress vitamin It contains all the eight essential amino acids, including high concentrations of lysine and tryptophan It also contains numerous minerals including calcium, iron, potassium, silicon, and sulfur

What Are Some Of Its Benefits?

"It is in a catagory all it's own," reports Joe Parkill, author of eight books on bee products and one of the world's foremost authorities on royal jelly "Royal jelly may indeed possess extraordinary properties It is one of the world's richest sources of pantothenic acid, which is thought to stimulate the adrenal glands and increase the production of cortisone and other adrenal hormones important for healthy skin and nerves"

Parkhill, who bases his statements on personal testimonials gathered from around the world, believes "the beautifying effects on the skin, hair, and nails, are only some of the youth restoring properties of royal jelly" Parkhill feels that after several week's use it induces a mild state of euphoria and feels it provides vital nutrition believed necessary for

- Energy
- Vitality
- Insomnia
- Arthritis
- Anti-Aging
- Mental Alertness
- Complexion, hair, nails
- Proper digestion
- Enhancing immunity to diseases
- Fighting infection
- Stress-related problems
- Sexual enhancement

Rocky Mountain™ Users Tell Us . . .

"Hair is growing on my bald spot on my head and have more energy. My temper is stable and I have more love for people, more patience, and don't care to drink beer and more things." Dr FM

"I was getting up every two hours to relieve my kidneys and had chronic constipation and fatigue. After about 8 months taking pollen, my friends marvel at my ability to do so many things. At 71, I am more capable than I was 15 years ago I feel good!" LK

"Please send Rocky Mountain pollen, as prescribed for us by Dr EG. We need this for my husband who has major and critical health problems, as well as for myself" MCR.

Dealerships Available

• Successful Life Products, Inc. 1988

88 Year Old Marathoner

Noel Johnson

Noel Johnson, 88 year old marathon runner, and World's Senior Boxing Champion obviously knows the secret of good health and a long life The international celebrity, author of the book " A Dud at 70 A Stud at 80," is delighted to talk about it "How did I do it? Its no secret," says Noel In the chapter "Everyone's Entitled To My Opinion," Noel tells what worked for him He credits a natural diet, a daily exercise regimen and Rocky Mountain™ Pollen, his favorite brand of bee pollen, for transforming him from a worn out old man with a life-threatening heart condition into a superbly conditioned racing machine

Successful Life Products

President's Lunch Bar	$1 00
Bee Pollen/130mg/30 Tabs./	$6 00
Bee Pollen/130mg/90 Tabs./	$11.00
Bee Energy/520mg/90 Tabs./	$11.00
Bee Energy/1500mg/60 Tabs./	$13.00
Bee Propolis/200mg/60 Tabs./	$11 00
Bee Propolis/500mg/60 Tabs./	$13.00
24 Hour Royal Jelly/30 Tabs./	$10.00
No Pain/30 Tabs./	$20.00
Bee Thin/90 Tabs./	$10.00
Pet Power/100 Tabs./	$10.00
Bee Pollen Granules/1 Lb./	$16.00
Bee Pollen Granules/½ Lb./	$9.00
Bee Perfect Skin Cream/6ox. Jar/	$40.00

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Terry & Sherry Donkel	717-933-5758
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E Mervin Hursh	717-733-6642
Ernest & Betty Wessner	215-589-4211
Glenn & Linda Moyer	717-933-4216
Mervin Sensenig	717-933-5366
Milton Frantz	717-272-3549
Gary & Carolyn Knick	215-756-6463
Richard Dunkelberger	215-756-6804
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Vivian Reed	814-623-6002
David & Donna O'Neal	814-928-4793

☐Yes, Please send me a free copy of "World's Only Perfect Food" Booklet.
☐Yes, Please send me an introductory package; 1 jar/130mg/30 Tab Bee Pollen, 1 jar Bee Propolis/200mg, 1 jar Royal Jelly for **$25.00**.
☐I would like to become a Dealer and Purchase S L P Products at a 30% discount. Enclosed is my check for $25 00 for the Dealer Kit

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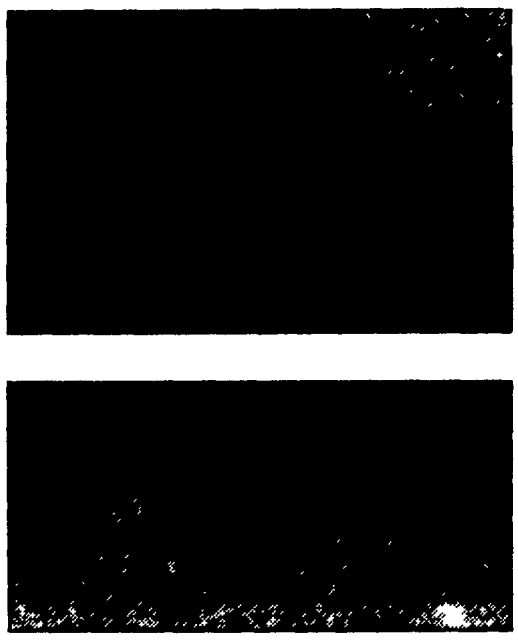
Successful Life Products, 3961 Ridge Pike, Collegeville, PA 19426 (215) 489-1155

AGRIPRO SOYBEANS



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SMOKETOWN, PA PH 717-299-2571

Surviving The Farm Belt Crisis

BY LOU ANN GOOD

MANHEIM (Lancaster) — Richard and Betty Gerlach know the joy of being extremely successful farmers and the pain of losing everything.

They began farming in the 1960s in Elstonville, north of Manheim. In 1975 the Gerlachs with their children James, Nelson, and Carolyn, sold their Lancaster County farm and purchased 1,000 acres of Minnesota land for growing corn and beans for drying.

Farming in the Midwest was quite different than in the East, but the Gerlachs had no trouble adjusting as they learned to know their neighbors who were of Norwegian descent. The Gerlachs swapped meat puddings, shoo fly and whoopie pies for their neighbors' Luda fish and lefsa.

They enjoyed fishing in the northern lakes and attending the summer fairs, but they missed silage making and cattle so they traded their farm for a cattle ranch in Missouri in July, 1979. They bought it for $560 an acre using a $1-million cash down payment. They borrowed the remaining $500,000 needed for the ranch from Federal Land Bank at 9.5 percent variable. They got a short-term cash-flow loan, which was $200,000 a year at 12 percent variable, from Production Credit Association for cattle and equipment.

The following year, they were offered $1,000 per acre for the land, but they decided to keep it since the ranch was a dream-come-true for Richard and his sons. They purchased 500 range cows as well as five horses to use to check on their roving cattle. With some sweat, the cowboy spirit and the help of a relative, the Gerlachs built their own roping arena to practice in their spare time.

Their more than 6-foot-tall sons soon became leaders of both 4-H and FFA, which the Gerlachs jokingly refer to as "Father Farms Alone."

But everything to did not progress according to plan. Two years of drought brought severe losses. The Gerlachs weren't overly concerned. Farming, they knew, is always a gamble when it comes to weather. The Gerlachs' philosophy was, "You tighten your belt, live on less and somehow enjoy it more. Thank God for what you have and pray for a better next year."

But things did not turn out better. In the middle of the drought, interest rates doubled and land values dropped. Surrounding farmers were losing their farms. At first the Gerlachs attributed the bankrupt farms to poor management mixed in with a little laziness. The Gerlachs were taught to plan ahead, work hard and believe you can do anything you dream. It had always worked for them before, they believed it would work again.

The Gerlachs reminisce on the good times they enjoyed on their midwestern ranch. From left: Richard, Carolyn, Betty and Nelson.

By the end of 1981 the Gerlachs' interest rates doubled. Later, they had to borrow from PCA to pay interest to the Federal Land Bank (FLB) and the PCA loan. The PCA said the family should sell their cattle and equipment, while the firm would carry the balance and help with FLB payments until a buyer was found for the farm. In 1984, the Gerlachs sold the cattle and equipment.

Although the PCA had promised to help them find a buyer for their land, when one was interested, the PCA refused to help him buy it. The Gerlachs were convinced that the loan companies wanted the land not their money.

For two years they had no farm income and they had no buyer; therefore, they could not make payments. After they missed two FLB payments, the PCA decided it would be in the firm's best interests to lend them money to catch up with FLB payments. The Gerlachs signed the note, and Richard went directly to the FLB office with the money. When he got there, office personnel told him that PCA had just called and changed its minds. The Gerlachs charge that PCA committed legal fraud.

Within three months, FLB sent notice of a sheriff's sale. Approximately 85 percent of the land sold at these sales goes to the lender. By this time, there were so many surrounding farm land for sale that no one was interested in buying the Gerlach's ranch.

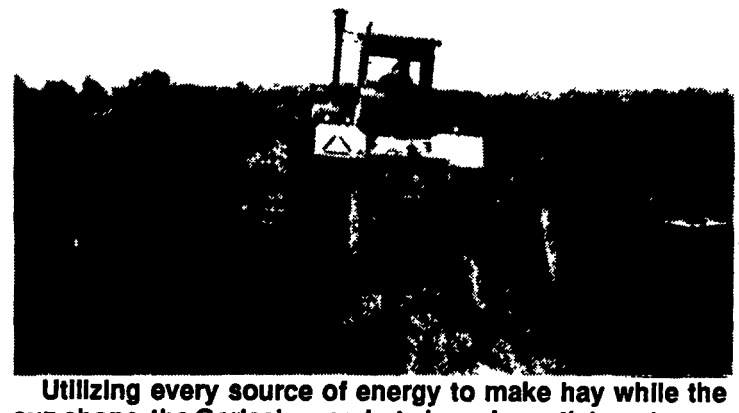
In November 1984, the Gerlachs entered Chapter 11 bankruptcy proceedings with the help of the best bankruptcy firm in Kansas City. After six months and $15,000 spent, the Gerlachs like other Midwest farmers came to feel that the firms, banks, and lawyers were part of a strategically planned crisis to gain control of the land. They took the case to the Supreme Court to get a just hearing for "the outright fraudulant acts committed by the lending officials." In several similar cases, the grand juries ruled in favor of the farmers, but months later the judge reversed the decision.

An attorney told the Gerlachs that the judges were ordered to preserve the credit system. Later, several other attorneys and judges plus a retired Federal Reserve Board member said the Federal Reserve wanted America's farmland for collateral to generate revenue to lend money to the U.S. government for the Star Wars defense program. Both the attorneys and the judges claimed their hands were tied from doing the right things because they are ordered to protect the credit system. The Midwest farmers claim the Federal Reserve is using the bankruptcy court to collect substance and land from farmers. They believe there is manipulation of currency and prices by international financiers.

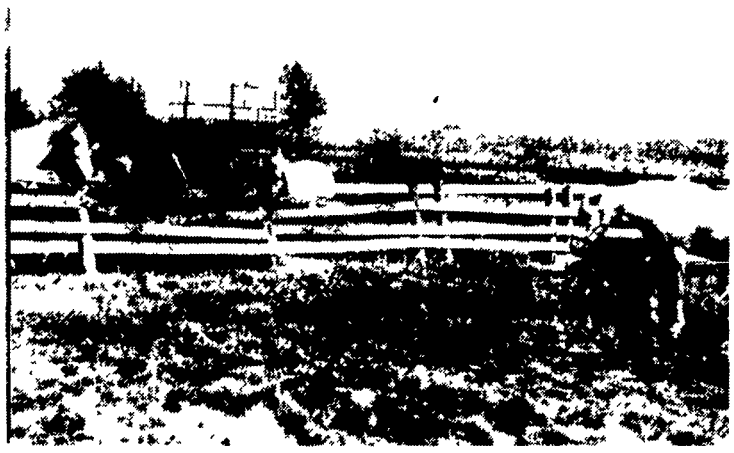
In August 1986 while the Gerlachs were away, their farm was surrounded by a dozen squad cars, a helicopter and moving vans. All their belongings were put in storage, and officials put gates and locks on all entrances.

Their county sheriff, who knew the Gerlachs were people of integrity, refused to be a party to the takeover and went to where Richard was working on construction to inform him. Although Richard hurried to the scene, he

(Turn to Page B25)



Utilizing every source of energy to make hay while the sun shone, the Gerlachs used a twin rack swath to put away 1,000 acres of hay.



The Gerlachs enjoy recalling the wonders of nature such as the time this colt was born while all the other horses lined up to watch with intense interest.

It was up at the crack of dawn and to bed late at night, but riding horses on the ranch remains a fond memory for James and Nelson.

Thirty ponds were scattered over the Gerlach's Missouri ranch. "The cattle roam free and drank from the ponds," Richard recalls.

Lancaster Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

BREED CODES

1—Ayrshire	4—Jersey	7—Red Dane
2—Guernsey	5—Brown Swiss	8—Mixed
3—Holstein	6—M. Shorthorn	9—Red and White

March, 1988

A Registered Holstein owned by Nelson H. Wenger, R.D. #6, Manheim completed the highest 305 day lactation. Christy produced 22,011 lbs. of milk, 1,093 lbs. of butterfat with a 4.9% test. Second high lactation was completed by a Holstein cow owned by J.S. Smucker - Sons, Farm # 1, R. # 2, New Holland. 555 produced 28,103 lbs. of milk, 1,089 lbs. of butterfat with a 3.8% test in 305 days.

FIRST 305 DAYS OF LACTATION WITH 750 OR MORE LBS. OF BUTTERFAT

Owner- Cow's Name	Brd	Age	Days	Milk	Fat	Test
Nelson H. Wenger						
Christy	RH	6-4	305	22,011	4.9	1093
JS Smucker-Sons Farm #1						
555	GrH	6-7	305	28,103	3.8	1089
677	RH	2-11	305	24,926	3.8	958
Lester C Stoltzfus						
Leona	GrH	5-0	305	24,108	4.3	1044
Mickey	GrH	3-7	305	22,656	3.5	792
Dale & Steve Hershey						
Betsy	RH	5-8	305	25,775	4.0	1033
Crista	RH	3-11	305	25,814	3.3	851
Angela	RH	5-8	234	20,472	3.8	782
Dale Weiler						
Liberty	RH	6-5	305	28,043	3.6	1010
Robert Kauffman Jr						
Sally	RH	4-6	305	22,405	4.4	1001
Prissy	RH	3-4	305	22,022	4.0	894
Millies	RH	4-5	305	20,823	3.7	777
Design	RH	3-2	305	17,255	4.3	750
Vernon R Umble & Son						
Plume	RH	7-4	305	24,028	4.1	985
John F Petersheim						
34	RH	9-6	305	23,498	4 1	974
JS Smucker & Sons, Farm #2						
20	RH	7-7	305	29,047	3.3	972
598	RH	5-4	305	27,897	3 3	937
659	RH	3-3	305	23,595	3.5	825
John H Howard						
Lindy	RH	4-5	305	31,050	3.1	970
Kreider's & Nickle						
54	RH	5-9	305	23,777	4.0	955
32	GrH	2-5	305	18,153	4.6	838
Clair Good						
June	RH	5-8	305	21,005	4 5	955
Conestoga Farm						
Eddie	RH	3-5	305	25,385	3 7	950
Happy	RH	4-8	305	23,677	3 6	855
Dean	RH	4-6	305	20,970	3 7	776
Jodell	GrH	0-0	305	18,395	4 1	760
Randy J Stoltzfus						
47	RH	6-5	294	23,627	4 0	950
156	RH	6-6	298	21,260	4 1	881
36	RH	5-2	237	17,864	4 4	801
Nathan E Stoltzfus						
Squin	RH	5-6	305	23,110	4.1	950
Audrey	RH	8-9	305	19,958	3 7	750
Harry Zimmerman Jr						
Jan	RH	4-2	305	23,875	3 8	928
Rose	RH	5-4	305	22,733	3.3	759
Joseph C Wivell						
Nellie	RH	4-6	305	24,546	3.7	924
Lolly	RH	9-10	305	21,765	3.7	820
Jane	RH	4-7	305	21,218	3 8	811
Amanda	RH	3-8	294	22,133	3.6	808
H Landis Weaver						
Cathy	RH	5-1	305	26,836	3.4	923
Folly	RH	3-9	305	21,183	3.9	828
Jem	RH	4-8	305	20,738	3.7	774
Weeping Willow Farm						
Jr	RH	4-11	305	19,041	4.8	922
Vanessa	RH	3-7	305	22,004	3.7	831
C Dale Bollinger						
Marjean	RH	5-5	305	22,667	4.9	921
Cnythia	RH	5-4	305	23,126	3.5	813
Daryl & Sam Martin						
14	GrH	9-2	305	25,560	3.6	920
91	GrH	4-5	305	23,640	3.5	840
56	GrH	7-5	305	21,246	3.8	807
190	GrH	2-11	305	22,949	3.4	783
168	GrH	3-10	305	24,141	3 2	780
Robert Gochenaur III						
84	RH	3-0	305	25,366	3.6	918
26	RH	3-1	305	20,021	4.5	911
Henry U Stoltzfus Jr						
Cream	RH	2-0	305	23,038	3.9	918
Vicky	RH	2-1	305	21,413	3.6	811
Sandie	RH	2-1	305	22,055	3.6	803
Curtis E Akers						
Agnes	RH	3-5	294	21,372	4.2	917
Jude	RH	7-6	291	19,438	3.8	752
Kenneth B Garber						
Hattie	RG	7-1	305	17,800	5 1	913
Peppy	RG	3-2	305	19,638	4 7	882
David & Robin Dum						
228	RH	5-8	305	21,418	4.2	911
33	RH	2-10	305	22,695	3.4	814
J Robert Kindig						
Nola	RH	5-6	305	26,943	3.3	909
Tootsie	RH	3-2	305	25,343	3.4	863
Paul S Horning						
Ellen	RH	8-10	305	25,222	3.6	908
Lila	RH	3-8	305	21,247	4.0	870
Chip	RH	6-3	305	25,181	3.4	859
Adele	RH	7-5	305	20,785	3.9	829
Charmet	GrH	5-10	305	20,140	4.1	829
Amos E King Jr						
Honey	RH	4-5	305	21,377	4.2	908
Robert H Rohrer & Sons						
295	GrH	3-6	305	23,138	3.9	906
257	GrH	3-0	305	19,991	4.0	804
99	GrH	3-2	305	19,593	4.0	800
117	GrH	4-9	305	22,959	3.4	785
363	GrH	3-1	305	22,173	3.4	772
35	GrH	3-0	300	18,234	4.1	757
Isaac S Huyard						
19	GrH	3-2	305	24,246	3.7	905
Harvey W Stoltzfus						
Bo	RH	5-4	305	23,555	3.8	905
Loren L Zimmerman						
Katrina	RH	5-4	299	22,034	4.1	905
Alert	RH	4-0	305	21,943	3.7	820
Delmar & Susan Weaver						
Lawanda	RH	6-6	305	25,839	3.5	904
Kandy 77	RH	4-11	305	25,490	3.2	824
Garwood Farm						
Ivory	RH	4-5	305	18,583	4.8	902
Tom Zartman						
259	GrH	3-6	305	26,645	3.3	901
24	GrH	4-6	305	20,867	3.9	814
John S Zimmerman						
55	GrH	8-4	281	22,766	3.9	898
Mer-Land Farm						
Susie	RH	5-8	305	24,630	3.6	894
Edwin J Landis						
Sandy	GrH	5-5	305	27,428	3.2	893
John E Coleman Jr						
Fantasi	RH	6-6	305	27,571	3.2	892
Elvira	RH	5-0	305	22,658	3.5	802
Romas L Stoltzfoos						
80 Pet	GrH	4-4	305	24,990	3.5	890
Spring Belle Farm						
Casey	RH	5-9	305	22,182	4.0	889
Hilda	RH	4-4	293	21,234	3.8	816
Acre	RH	3-0	284	20,920	3.6	759
Asprin	RH	3-11	295	21,447	3.5	755
MB & Gary Stoltzfus						
54	GrH	5-6	305	20,834	4.2	889
20	GrH	9-4	305	17,370	4.3	757
Titus B Stoner						
Elsie	RH	4-5	305	20,536	4 3	889
Brenda	RH	2-8	305	18,242	4.1	762
Graywood Farms						
122	GrH	3-1	305	20,337	4.3	887
458	GrH	3-5	305	19,248	4.4	853
60	GrH	3-6	305	19,300	4.1	805
Glenn F Shenk						
Lana	RH	3-10	305	21,794	4 0	885
Raymond E Reitz						
Carol	RH	3-10	292	24,243	3 6	883
Isabel	GrH	7-7	305	22,023	3 5	777
Kenneth E Zurin						
189	GrH	5-7	305	25,833	3 4	882
555	GrH	3-1	271	19,902	3 8	763
El-Dell Farm						
Miss	GrH	9-0	305	19,206	4.5	879
Burnell W Nolt						
83	RH	3-6	305	16,713	5.2	878
Log House Farm						
Peggy	GrH	4-4	305	26,394	3 3	877
Delmar H Wenger						
Valiant	RH	9-8	305	22,593	3 8	876
John Omar Stoltzfus						
Misty	RH	3-6	305	18,804	4.6	875
Curtis & Dolly Martin						
Pete	RH	3-5	305	18,220	4.8	875
Abigail	GrH	5-3	305	17,727	4.4	782
Cherry	RH	4-2	305	21,712	3 5	767
Riehlee Farm						
Nuget	RH	7-3	305	21,679	4.0	873
Paul D Welk						
Pandora	RH	5-2	227	18,406	4.7	873
Ken & Nelson Stoner						
11	RH	4-6	305	22,934	3.8	872
31	GrH	3-9	305	19,182	4.2	818
Henry S Lapp Farm #2						
14	GrH	5-7	305	22,107	3.9	870
73	GrH	4-5	305	23,107	3.4	807
55	RH	4-6	305	24,242	3.2	787
61	GrH	2-8	305	26,476	2 8	752
New Acres						
76	GrH	2-9	305	22,335	3.8	869
Meadow Vista Farm						
Trudy	RH	4-5	305	21,601	4 0	866
Donna	RH	4-9	305	21,968	3.4	764
Jonas B Stoltzfus						
Honey	GrH	4-3	302	22,841	3.7	865
Louise	GrH	7-6	280	22,429	3.5	801
Ferncrest Farm						
345	GrH	6-8	305	18,377	4.7	865
Samuel E Beiler						
Flower	RH	4-11	305	22,381	3.8	864
Taffy	RH	6-3	273	21,877	3,8	847
Ivan M Hursh						
Nettie	GrH	7-4	305	20,393	4.2	864
Wanda	RH	6-2	305	21,083	4 0	855
John L Landis						
216	GrH	0-0	305	27,338	3.1	863
Glenn E Burkholder						
Ramona	RH	5-3	305	21,896	3.9	861
Edith	RH	3-11	305	22,888	3.6	837
Mindy	GrH	3-10	305	20,309	3.9	810
Dawn	RH	8-7	305	20,551	3.9	801
Robert & Linda Sensenig						
23	GrH	2-9	305	22,230	3.8	860
90	GrH	4-10	305	20,917	3.5	751
Donald R Bare						
247	RH	3-11	305	24,028	3.5	857
John & Barb Brubaker						
Penny	RH	1-11	305	28,898	2.9	856
Shadytop Farm						
Ronda	RH	6-8	305	25,892	3.3	855
Angie	RH	5-2	305	19,213	4.2	812
Karl W Herr						
105Sybl	RH	5-7	305	24,457	3.5	855
Ivan S Stoltzfus						
Gilette	RH	5-1	305	20,304	4.2	854
Noah Kreider & Sons						
721	GrH	4-7	305	23,039	3.7	852
788	GrH	4-5	298	20,262	4.0	822
316	GrH	3-6	305	20,536	3.9	812
279	GrH	4-10	305	19,803	4.0	808
393	GrH	4-6	305	23,871	3.2	775
574	GrH	2-11	305	18,346	4.0	751
Omar Smoker						
Christn	RH	6-11	305	22,527	3.7	853
James L Marsh						
Choc	GrH	7-9	305	18,213	4.6	852
John S Beiler						
Lulu	RH	2-3	305	23,636	3.6	850
Sylvia	RH	4-5	305	19,747	4.0	800
John J Speicher						
9	GrH	5-4	305	23,276	3.6	849
Marvin K Witmer						
Elsie	RH	4-2	305	21,387	3.9	849
David W Sweigart						
50	RH	3-2	305	17,904	4.7	849
Quarryville Presbyterian Home & Melvin Rohrer						
306	RH	5-10	305	19,810	4.2	847
Amos N Martin						
Whitey	GrH	5-5	305	22,740	3.7	846
C Victor Groff						
109	GrH	3-8	305	20,119	4.2	846
Robert N Brandt						
33	GrH	4-5	305	20,714	4.0	845
John G Good						
Clara	RH	4-2	305	20,905	4.0	844
Warren Z Good						
Vanita	GrH	3-2	305	24,225	3.4	843
Amos B King						
Mabel	RH	5-10	305	22,888	3.6	843
David D Zimmerman						
Molly	RH	5-8	305	26,528	3.1	842
Pollyan	RH	4-5	305	22,192	3.5	792
Jane	RH	5-3	305	20,356	3.8	792
Litlily	RH	3-4	305	20,630	3.7	771
Jonas S Beiler						
Dixon	GrH	6-1	305	24,034	3.5	840
Orpha	GrH	5-8	305	24,768	3.3	817
Satin	GrH	6-7	305	19,681	3.9	770
Wilmer R Martin						
Renee	RH	5-7	305	20,001	4.2	840
Marcie	RH	3-6	305	21,474	3.5	755
Dale R Metz						
12	GrH	7-8	305	22,688	3.6	838
43	GrH	7-5	305	21,538	3.7	805
6	GrH	5-8	305	19,845	4.0	796
Glenn R Bushong						
Verna	GrH	2-10	287	22,844	3 6	838
Eve	GrH	5-2	288	23,593	3.4	810
David K Stoltzfus						
Pansy	GrH	5-7	277	22,060	3.7	837
Nelson W Nolt						
8	RH	4-7	305	21,706	3.8	837

(Turn to Page B23)

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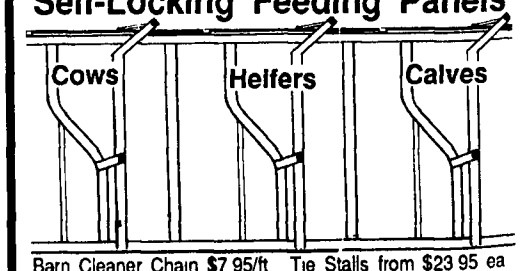
Galvanized Self-Locking Feeding Panels



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U.S. AGRI-SYSTEMS

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(301-398-2948 LOCAL)

Lancaster Co. DHIA

(Continued from Page B22)

140	RH	5-7	305	23,585	3.4	801
126	RH	6-2	305	17,796	4.2	760
Jerry L Diller						
Sharon	RH	4-6	305	20,330	4.1	837
Marbro Farm						
Lori	RH	2-11	305	19,793	4.2	835
Wesla	RH	4-8	305	26,354	3.1	825
Pat	RH	6-2	304	22,123	3.4	765
Calvin D Beiler						
106	GrH	5-6	305	22,843	3.6	833
51	GrH	4-2	305	20,881	3.7	790
John K K Peters						
Suella	RH	6-3	305	23,307	3.5	832
Polite	RH	6-6	305	21,165	3.6	778
Fred Crider Holstein						
Della H	RH	7-6	305	23,026	3.6	832
Flossie	RH	7-7	305	21,109	3.8	805
Norman L Hershy						
Jody 88	RH	5-1	305	24,520	3.3	830
Tritown Farm						
Monitor	RH	5-7	305	22,262	3.7	829
Robert W Ulrich Jr						
Mrshmlw	RJ	5-3	305	17,008	4.8	829
Jonas E Zook						
Flossy	RH	8-1	305	19,671	4.2	828
James & Nancy						
Zuck	GrH	3-11	305	21,635	3.8	825
Joseph W Best & Sons						
34	GrH	5-5	305	20,954	3.9	825
12	GrH	4-6	296	16,670	4.5	758
Spring Lawn Farm						
43	RH	4-9	303	24,665	3.3	824
Eli B Lantz						
Dolly	RH	4-6	305	22,396	3.6	822
Dee	RH	2-5	305	19,923	3.9	793
John Z Beiler						
Jenelle	RH	6-4	305	21,999	3.7	821
Leona	RH	6-6	305	20,312	3.9	795
Millie	RH	6-5	305	20,122	3.7	761
Hiram S Aungst						
Veronic	RH	5-2	305	21,124	3.8	821
Neil Good						
Jen	RH	2-0	305	19,683	4.1	821
Edna	RH	6-8	272	17,215	4.3	756
Kenneth & Sarah Morgan						
170	RH	5-9	305	23,312	3.5	818
Neffdale Farm						
Lizzie	RH	3-8	305	20,977	3.9	818
Rodney Denlinger						
Julie	RH	4-7	305	20,260	4.0	817
Faith	RH	5-4	305	22,616	3.5	792
Leonard H Martin						
Sylvia	GH	3-10	305	19,984	4.0	815
Weaver Homestead Farm						
94	GrH	3-1	305	22,049	3.6	814
28	GrH	3-1	305	19,480	4.0	781
20	GrH	2-11	305	21,001	3.5	753
John U Glick						
Rudy	RH	3-10	305	20,152	4.0	814
J Harold Musser & Son						
124	RH	5-10	305	20,282	3.9	810
120	RH	6-5	305	18,912	4.1	790
Ivan Zook & Sons						
14B	RH	4-6	305	22,159	3.6	809
Norman B Rutt-Son						
68	GrH	3-5	305	21,433	3.7	809
Thomas C Lapp						
Sonia	RH	5-0	305	23,021	3.5	807
Splash	RH	3-5	305	22,873	3.4	781
Natham G Stoltzfus						
Juipter	RH	6-4	305	20,873	3.8	806
Utopia	RH	5-10	305	21,527	3.7	799
Gina	RH	6-7	305	20,172	3.7	761
Middle Creek Farm						
Penny	RH	6-0	305	23,458	3.0	805
John T Byers & Son						
14	GrH	6-5	305	18,539	4.3	805
65	RH	2-11	305	18,295	4.1	767
Balmer Brothers						
102	GrH	3-7	305	17,997	4.4	803
Samuel L Stoltzfus						
Amy	GrH	4-4	305	22,335	3.5	802
King-Ridge Farm						
Elbel	RH	7-3	305	19,609	4.0	802
Beverly	RH	7-6	305	25,113	3.0	767
Hershvale Farms						
39	GrH	3-7	305	17,884	4.4	801
36	RH	4-7	305	23,072	3.4	785
Earl N Landis						
Wimper	RH	7-10	296	16,973	4.7	801
David L Glick						
Lucy	GrH	4-7	305	18,410	4.3	800
Carl L Martin						
Breeze	RH	3-6	305	19,685	4.0	799
Fairose	RH	6-4	305	23,400	3.4	797
Truman Hertzler						
58	GrH	5-3	305	18,572	4.3	799
Omar E Fisher						
Fritz	RH	4-10	305	17,623	4.5	799
Welsh-Vista Farms						
11	RH	4-3	305	21,174	3.7	798
68	RH	3-2	305	21,289	3.6	772
Melvin R Eby						
Liticia	RH	5-8	305	20,400	3.9	798
John Omar Stoltzfus Jr						
Jilie	RH	4-3	305	20,189	3.9	798

D Lamar Weaver						
Misty	RH	7-0	305	20,511	3.8	796
Fertrell Farm						
Jan	RH	4-7	305	18,892	4.2	796
Kenneth D Myer						
Dafidol	RH	7-9	305	23,469	3.3	795
Marigold	RH	5-2	305	19,454	3.9	774
Aaron M Fisher						
Linda	GrH	4-2	305	21,839	3.6	795
Ephraim D Riehl Jr						
Pansy	RH	5-5	305	20,425	3.8	795
Edgefield Farms						
Emrald	RH	4-11	305	20,377	3.9	795
George M Hurst						
508	RH	4-4	280	20,660	3.8	794
A Dale Herr						
105	GrH	6-9	305	19,098	4.1	794
Samuel B Lapp						
Claire	RH	3-1	299	16,771	4.7	794
Calvin D Keene						
Clair 68	GrH	4-9	305	22,018	3.6	793
Vernon W Heisey						
Sue	RH	5-8	305	19,813	4.0	793
Robert H Kauffman						
Trish 21	RH	6-0	305	17,667	4.4	791
Paul V Nissley						
Rosa	RH	8-4	262	23,324	3.3	790
Kitty	RH	3-6	305	24,537	3.1	776
Chrissy	GrH	8-5	305	19,071	3.9	758
Gerald Martin						
Elaine	RH	2-5	305	20,561	3.8	790
Olivia	RH	5-6	305	23,175	3.2	753
Paul H Rohrer & Sons						
90	GrH	3-2	305	19,907	3.9	789
8	GrH	3-2	305	20,695	3.6	754
J Wade Groff						
Ila	RH	6-7	305	20,088	3.9	788
Cracker	RH	6-10	305	19,251	3.9	762
Calvin D Beiler						
Mima	RH	11-2	305	18,595	4.2	787
LeRoy M Stoltzfus						
Lynn	RH	5-10	305	27,071	2.9	786
Luke L Martin Jr						
Darlene	RH	3-10	305	20,273	3.8	786
S&A Kreider & Sons						
187	RH	2-11	287	20,191	3.8	786
275	GrH	2-5	305	18,636	4.0	762
Harlan W Hoover						
90	GrH	4-11	305	25,286	3.1	785
Jonas E Stoltzfus						
Blackie	GrH	11-3	305	19,870	3.9	783
Clay Farm						
Ingrate	RH	8-10	293	22,457	3.4	782

(Turn to Page B24)

Ford 1920 A 4-cylinder direct injection diesel engine and 69.9-inch wheelbase give the 28.5-hp* 1920 the size and performance of a traditional farm or utility tractor at an economical price. It is offered with a 12-speed manual or synchronized shuttle-shift transmission.

* Manufacturer's estimated PTO horsepower

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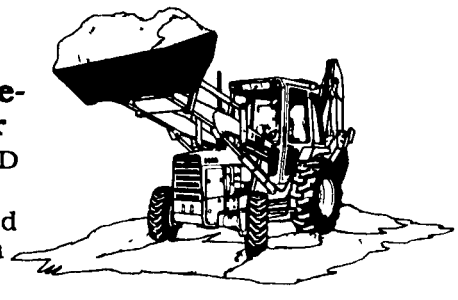
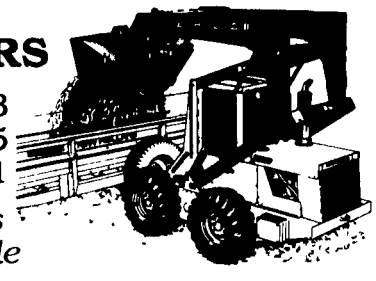


SKID LOADERS

Models: 553, 555, 781

Attachments Also Available



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Lancaster Co. DHIA

(Continued from Page B23)

Aaron E Allgyer						
Mable	GrH	5-6	305	20,829	3.7	782
Donna	GrH	3-4	305	20,925	3.5	752
L Weaver-D Renninger						
226	GrH	6-9	305	19,645	3 9	779
C Nevin Hershey						
Elta	RH	6-6	305	22,280	3.4	776
Running Springs Farm						
Salt	GrH	4-9	297	20,514	3 7	776
Jill	RH	3-1	305	19,718	3 8	754
Marvin R Sauder						
Gino	RH	5-5	305	18,961	4 0	776
Jonas S Esh						
Dot	GrH	0-0	305	19,344	4.0	775
Parke H Ranck						
Velvet	RH	3-7	305	19,274	4 0	775
Lloyd B Sensenig						
Jessie	GrH	5-8	305	23,747	3.2	772
Christian E Riehl						
Dottie	RH	5-0	305	20,599	3.7	772
Kenneth L Beiler						
Lassie	RH	8-6	305	21,298	3.6	777
Harold K Witmer						
Dixie	RH	2-1	305	19,389	3.9	772
Paul M Fahnestock						
213	RH	5-10	286	19,057	4.0	771
Shelmar Acres						
Amber	RH	4-7	305	20,441	3.7	768
Meadow Springs Farm						
Rhoda	RH	4-9	293	18,466	4.1	767
Martin Nolt & Sons						
35	RH	6-0	305	18,154	4.2	767
Floyd Kreider & Son						
64	RH	6-2	305	17,945	4.2	766
Lapp Valley Farm						
Lucy	RH	2-2	305	18,798	4.0	764
Glenn R Binkley						
96	RH	1-11	300	24,941	3.0	761
John M Harnish						
Sharon	RH	7-0	305	21,559	3.5	761
Mahlon E King						
Patsy	GrH	4-8	305	20,972	3.6	761
JLB Acres						
244	GrH	2-5	305	20,847	3.6	761
Elam S Beiler						
Princes	GrH	5-2	305	18,050	4.2	760
Molly	GrH	6-7	305	19,140	3.9	752
Wilmer L Shertzer						
8	RH	3-6	305	22,625	3.3	759
Amos B Lantz						
Beulah	RH	5-7	304	17,330	4.3	759
Clarence M Hoover						
June	GrH	5-0	305	20,696	3.6	757
Gordon E Herr						
Joni	GrH	8-8	305	17,162	4.4	757
John P Lapp						
Cherry	RH	6-6	305	21,085	3 5	756
Nelson R Habecker						
21	GrH	3-4	305	20,706	3.6	756
Rohrer Brothers						
Marilyn	RH	8-7	279	17,625	4.2	756
Cedar Fringed Farm						
Rosetta	RG	4-2	305	16,192	4 6	756
Pebbles	RG	4-10	305	14,951	5 0	751
Richard N Sauder						
Carol	RH	3-3	305	19,953	3 7	754
Dwight R Houser						
Shippy	RH	6-0	305	19,526	3 8	754
J Robert Musser						
27	GrH	3-2	305	18,469	4.0	754
Christian G Becker						
272	RH	4-9	305	21,773	3 4	753
Creek Knoll Farm #2						
Ritchie	GrH	3-2	305	18,505	4 0	753
Mere&Dan Stoltzfus						
95	GrH	5-9	291	17,725	4 2	753
Oberholtzer & Zimmerman						
132	GrH	2-11	305	21,198	3.5	752
Earl H Oberholtzer						
45	GrH	4-8	305	26,310	2.8	750

Dauphin Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

May 1988

Owner	Brd.	No. Cows	Lbs. Milk	Lbs. Fat
Restful Acres	B3	116.9	20,409	763
Alwine Farms	B3	84.5	19,759	731
Catalpa Farms	B3	139.3	20,140	726
John Hertzler	3	75.0	18,762	717
Irvin G Martin	G3	32.4	19,348	714
Tom J Tobias	B3	39.6	19,771	711
Crissinger Dairy Farm	B3	87.8	18,708	695
John S Smucker	B3	38.5	18,782	672
Keystone Guernsey Farm	2	63.3	15,115	660
Elwillo Farms	3	138.2	18,648	659
J Melvin Brandt	B3	70.2	17,701	649
Conewago Farms	B3	36.9	17,242	649
Stoney Lawn Farms	B3	90.1	18,530	643
Mahlon L Lehman	3	51.9	17,655	637
Samuel K Lapp Jr	B3	42.6	17,637	629
Sher Mar Acres	B3	81.6	17,212	625
Dale F Faust	B3	41.0	18,269	621
Paul E Clugston	G3	103.3	17,122	620
Jacob P King	G3	40.2	16,585	610
Great View Farms	3	52.3	15,872	606
Wil-Lene Farms	G3	83.6	17,314	606
Lauden Farms	B3	204 8	15,589	604
Lytle Farms Inc	3	102.9	17,580	602
Arthur Brandt	B3	93 2	16,069	602
Larry L Boyer	B3	31.3	16,659	590
Stanley R Long	B3	111 8	15,763	569
Jay K Brackbill	B3	61 0	15,224	565
Shade Farms	G3	62 7	16,337	563
Terlin Farms	B8	65 8	12,498	559
Oellara Farm	3	22 4	14,847	555
Pleasant Hill Farms	B3	68 6	14,931	539
James Lesher	B3	41.9	15,522	538
Sycamore Meade Farm	1	74.5	13,260	528
Ray Belack	B3	64.2	14,262	508
Al-Ty Farms	B3	49.0	13,684	502

J Melvin Brandt				
499	3	4-7	21,213	851
Alwine Farms				
Blackie	3	4-7	22,945	926
Catalpa Farms				
434	3	3-8	19,344	909
467	3	3-6	21,310	857
Elwillo Farms				
31	3	10-0	19,535	928
72	3	3-7	22,593	854
98	9	3-1	21,077	866

CLEARFIELD COUNTY DHIA
April, 1988

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Hicks Dairy Farm	B3	69.1	90.8	20,797	785
Lawrence Ecklund	B3	35.7	87.0	18,887	735
Harry Mahlon	B3	26.5	86.7	19,356	724
R Wriglesworth & Son	B3	55.2	85.4	19,186	716
Orner Farms Inc	B3	83.4	85.2	18,973	715
Duane Peters	B3	37.1	88.8	18,609	680
John Sankey	3	33.8	86.7	18,854	675

IT'S GOT MORE PICKUP.

Kubota makes digging yourself out of a hole easy with a choice of tractor/loader/backhoe options

There are three T/L/B units, ranging from 32 to 40 PTO horsepower. Each comes with a direct injection diesel engine for high power output and torque rise.

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Paired with a Kubota backhoe and loader, it's an extremely efficient combination. Both implements are quick attach. The standard 3-point hitch and PTO also lets you add a scraper or tiller.

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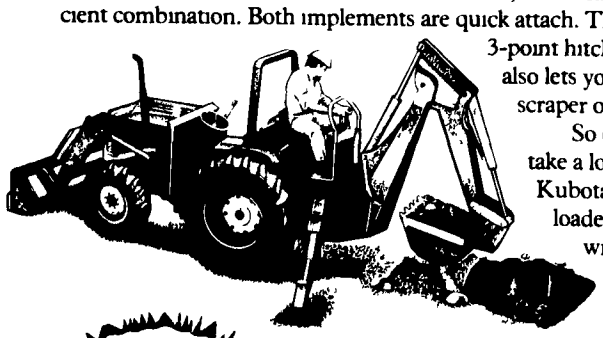

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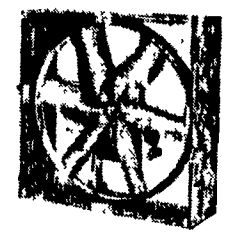
BELT DRIVE FANS

Model 3C615

Fan: 36" blade dia galvanized frame and blade

Motor: 1/2 HP, 1725 RPM, 115/230V TENV enclosure, ball bearing, split phase, automatic thermal protection, rigid mounting base.



36" with ½ H.P. Motor
Mfg. List $309.00
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$199.99

Shutters Available

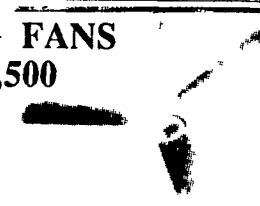
Performance

MODEL NO	CERTIFIED CFM LICENSED BY AMCA(*) 0 0" SP	0 05" SP	0 10" SP	0.125" SP	0 15" SP	0 20" SP	0 25" SP	FAN RPM	MAX FAN BHP(t)	SHPG. WT.
3C615	11,300	10,750	10,200	9900	9500	8750	7750	510	0 63	108 0

TAFCO Ventilation Fans

12"	$79.95
16"	$115.95
20"	$139.95
24"	$189.95
Ranco Therm	$23.00

56" CEILING FANS
CFM's 20,500



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Dayton 24" Circular Fan
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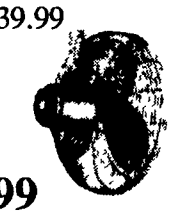
w/Grill Motor, BRM, 7 Switch & Plug



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FIBERGLASS FANS
Variable Or Single Speed

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• ENERGY SAVINGS	"SD" models use new energy-efficient VARIABLE SPEED motor & blade combination
• MOTOR	- Totally enclosed, ball bearing with thermal overload protection
• FAN BLADE	Heavy gauge aluminum, well balanced Sizes 8', 10", 12' 14", 16", 18", 20', 24'
• HOUSING BOX	Rugged steel welded construction with durable baked enamel finish
• MOTOR MOUNT	Heavy welded steel rod
• SHUTTER	Aluminum louvres supported by long life nylon bearings

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Farm Belt Crisis

(Continued from Page B21)

was not in time to get even one article of clothing.

After the loss of their ranch, Richard felt like a failure to his sons who stood by his side for 20 years working together to built their dream ranch. Shame surged through them as they knew relatives were hearing rumors. They felt helpless in dealing with a situation over which they had no control.

Betty said, "Then God helped us to remember our blessings. We had a strong marriage, children who still loved and respected us even though we had no family farm." They believe that the memories and experiences with the family far exceed the monetary investment gained and lost on the farm.

The Gerlachs like many of their former Midwestern neighbors believe the government should change some of its policies. Instead of lowering grain prices further to sell to overseas markets, it should stop importing grain from other countries. Farming they say has got to pay and that means farmers must get better prices for what they produce.

Events expose contradictory trends within agriculture... Commodity programs are intended to preserve the family farm, yet program benefits accrue primarily to the largest producers. Crop inventories continue to grow even with lower support prices. Government expenditures for agriculture, direct and indirect, have reached historical highs, yet virtually everyone wants the government's role in the farm sector to be reduced.

Statistics show that every six minutes in 1987 a farm family was declaring bankruptcy. The Gerlachs are alarmed. They say, "Something is radically wrong." They cautioned farmers to stop borrowing money and to pay off debt loans.

Although the Gerlachs no longer have a farm, they question, "Did we really lose?"

Someone told them, "Losers are people who never try. Losers are people who get kicked down and stay down. Winners only touch bottom long enough to deal with their emotions, get their thoughts together and start to the top again."

The Gerlachs have returned to Lancaster County where Richard and Nelson are self-employed as carpenters. Both yearn to return to farming. Richard said, "Farming brings you in touch with the wonders and the joys shared with new life and with our Creator. I miss that."

Nelson plans to return next year to the Midwest and farm with his brother. Richard doesn't know when he'll have the opportunity. But one thing is certain, they aren't losers; they're been kicked down but they're not staying there.

Somerset To Name Dairy Princess

BERLIN (Somerset) — Jennifer Barnett, 1987 Somerset County Dairy Princess, will crown a new princess tonight. Four teens will participant in the contest at the Somerset Area High School at 7:30 p.m.

Barbara Taylor, daughter of Larry R. Taylor, helps her father farm 450-acres of potatoes, corn, oats, and hay. She feeds the calves and bulls on the Berlin farm owned by James Ringler.

Tanya O'Brien is the daughter of Mr. and Mrs. Edward O'Brien. They live on a 300-acre farm where Tanya helps milk cows and care for the animals.

Sheila St. Clair is the daughter of Glenn and Helen St. Clair, Somerset. She helps feed the cows and calves and cleans the barn. She has earned the FFA Greenhand and chapter farmer degrees.

Amy Bittner helps her parents Leroy and Gloria Bittner on their 275-acre dairy farm, Meyersdale. She is active in 4-H and the Junior Holstein Club.

Four teens prepare for Somerset Pageant activities. From left: Barbara Taylor, Tania O'Brien, Shelia St. Clair, and Amy Bittner.

Get MOOOvin' n'Shakin'!

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6 - Dairy Equipment

The following categories are available in your classified advertising. In Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

7 - Livestock Equipment
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11 - Swine
12 - Artificial Breeding
13 - Hog Eq. & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
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33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
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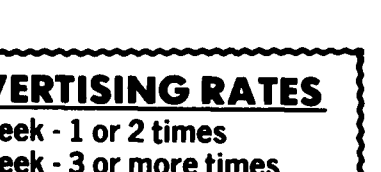

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13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

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16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

Sullivan Plans Dairy Princess Parade

DUSHORE (Sullivan) — Get ready for a parade. Sullivan County plans a big one along the streets of Dushore on June 18. It's their annual June Dairy Princess Parade.

There will be marching bands, visiting dignitaries, floats fashioned by local business and organizations, and fireworks. A new event this year is the debut of the county's costumed cow just in time for the annual cow milking contest.

The activities, which begin at 7:30 p.m., include the crowning of the 1988 dairy princess. Georgette Kramer, R.D.2, Dushore, is the third daughter of George Kramer to wear the crown. Georgette is the youngest of ten children and a junior at Sullivan County High School. The Kramers milk 60 Holsteins from their herd of 142.

Congratulations DAIRYMEN

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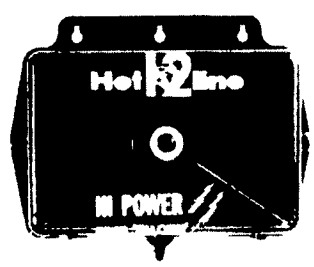

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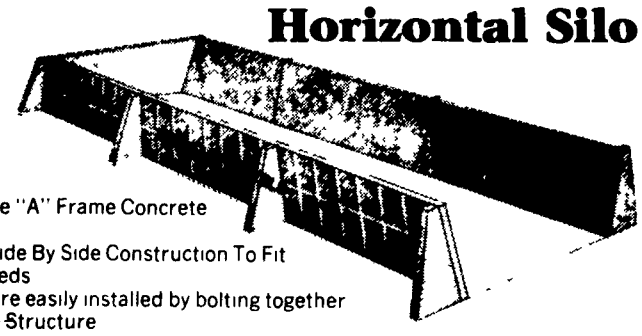

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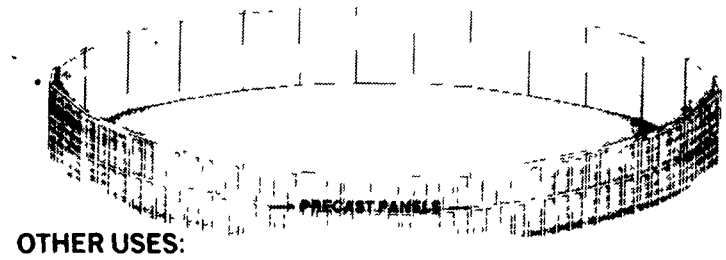

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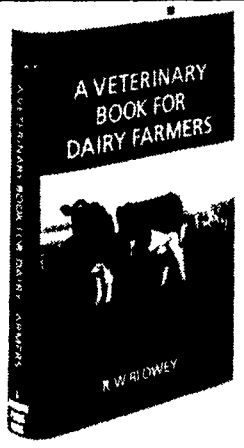

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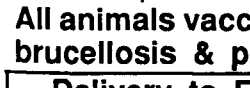
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11 SWINE

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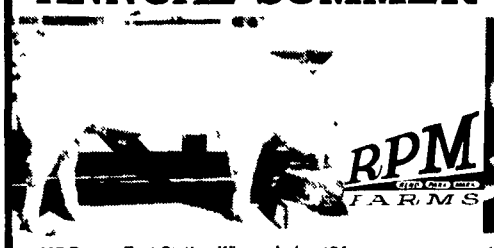

1987 Penna. Test Station Winner Index 184· Feed Efficiency 2.3: Gain 2.7#/day Sold Aug. 19 to N.J. Correctional Institution, Trenton, NJ, for a new record price of $1800.

1987 N.Y. Test Station Winner Index 155: Feed Efficiency 2.2: Daily Gain 2.42#/day. Sold Sept. 19 to Shur-Gain Farm, Maple, Ont. for a new record price of $1175.

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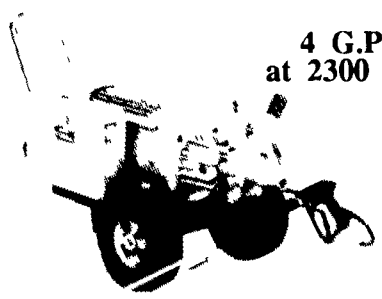

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We also have mulch hay and bright wheat straw
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Mineral Mix
$350 per ton

CONTENTS

Phosphorus	min. 10%	Manganesse	.200%
Calcium	min. 19%	Zinc	.750%
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Magnesium	3%	Vitamin A	
Sulphur	.750%		3000 iu per lb.
Potassium	.600%	Vitamin D3	
Iodine	.015%		7500 iu per lb.
Cobalt	.004%	Vitamin E	
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16 FERTILIZER

16 FERTILIZER

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* Custom Spreading Service Now Available
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Large or Small Quantities
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1,000 bu. load	$130.00
500 bu. load	$100.00
300 bu. load	$75.00
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South of New Holland and West of Brownstown is more money.
$10 per ton for Poultry Manure
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17 PLANTS

17 PLANTS

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$1.25 each
Flats of 18 or more - $1.00 each
Mix or Match - Big Selection
5 Dozen flats of mums - solid colors, $18 per flat
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18 FRUITS & VEGETABLES

"THE BERRY BEST STRAWBERRIES" are soon here Mother nature will determine their arrival date at RAAB FRUIT FARMS, Dallastown, PA "Pioneers in pick your own." It will pay you to call RAAB FRUIT FARMS, 717-244-7157 for updated information about strawberries.

June is dairy month

18 FRUITS & VEGETABLES

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We have bags and boxes that will give your produce the "FRESH" look. We carry VEXAR MESH BAGS - POLY BAGS - PAPER POTATO BAGS - All Sizes. CABBAGE BOXES - ALL TYPES OF VEGETABLE BOXES - In Stock And Made to Order With Your Name. Strawberry boxes - trays - Pints and Quarts Rubber bands, wire ties, twine, etc. When it comes to packaging we're your #1 Source for Everything
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OVER 60 YEARS OF CONTINUOUS SERVICE

20 LAWN & GARDEN

20 LAWN & GARDEN

Help Wanted
Experienced Mechanic - Part Time or Full Time
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15 gallon pull type sprayer, ideal for trees & lawn care, $299 717-569-3359 Evenings.

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19 NURSERY

19 NURSERY

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250 Trailer Loads, F.O.B. Deodate, PA
MULCH MOUNTAIN
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1987 FARMHAND TUB GRINDER
Used one season, set up to grind bark mulch & wood chips, 2 to 3 cu. yd. per min. capacity, good condition $14,500
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Farm machinery repair Machine shop service Control wiring Excavation work. 717-354-4059

PROFESSIONAL HOOF TRIMMING Over 20 years experience Fast and accurate work 70-100 cows per day. Increases milk production Easy and gentle on the cows and farmer. No assistance needed 717-755-0770 or 717-757-3378 Satisfaction guaranteed

Rubber stamps, made to order A Huber, 149 Oak Bottom Road, Quarryville, PA 17566 717-786-7046

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Mail blades enclosing $2.50 per set plus return postage, $3.00 for dog clippers. These blades are guaranteed to be sharp. Send to
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22 CUSTOM WORK

22 CUSTOM WORK

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Bales up to 5½ x5½
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for rye and hay
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For Rent or Services Offered No till grain drill, chopping & plowing, picking corn 215-932-2778

Round bale wrapper for use, $5 50 for 4x5 bale Lancaster Co, 717-626-5256

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8' and 6' bags
Stoltzfus Custom Bagging
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23 HELP WANTED

PROFESSIONAL/ TECHNICAL EXCITING JOB OPPORTUNITY
Advancement potential Responsibilities include administering federal agricultural program An agricultural background and computer experience helpful but not required Full time position, 8-4 30 Government benefits and retirement An equal opportunity employer Apply in person at Chester/ Delaware County, Agricultural Stabilization and Conservation Service/ USDA, 1 N New St, West Chester, Pa 19380

Responsible person with dairy experience to milk in parlor Regular weekends off Hospitilization and housing Located in Lancaster Co Call for interview 717-367-2286 or 717-367-5273

Assistant Herdsperson for 80 cow dairy in Huntingdon County. Applicant should have experience, good references & an interest in farming Good salary, housing & other benefits. 814-684-4475.

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Experienced equipment operators needed for construction company, year-round employment, excellent benefits, salary based on experience 215-436-8900 ask for Julie

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Full time position available for Northern Chester Co. dairy farm, preferably married, intelligent person to help manage crops, do field work, mechanical incline for machinery repair, must be good w/ animals, milking cows & feeding livestock Housing, good salary, hospitalization, year end bonus, plus other benefits 215-469-9630

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Part-time or full-time position available at wholesale nursery Agricultural or horticultural experience preferred Potential for future advancement Red Eagle Nurseries, RD1, Box 36, Millersville, PA 17551 717-872-6927

Person to work on dairy farm in lower New Castle Co., DE 302-653-6055 after 6 30PM

23 HELP WANTED

TRUCK MECHANIC. Ono Service Center is seeking individuals experienced in repair and maintenance of diesel trucks Good benefits and paid vacation Call 717-865-5185

Wanted in Berks, Lehigh, Northampton, Schuylkill Counties Person for occasional work to interview farmers & gather statistics Must have car, paid mileage, $5 77 per hour Write RD2, Box 196, Mt Joy, Pa 17552 or Call Collect 717-653-5016

JOB OPPORTUNITY
for experienced equipment operator on beef farm in Eastern New York. Mechanical & welding background necessary. House, good benefits, salary negotiable.
914-631-1154

FULL TIME OPENINGS
In our modern egg processing plant.
- No experience necessary
- Fringe benefits

Esbenshade Farms
Apply 8 a.m. to 4:30 p.m.
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RN's & LPN's
Needed for Hospital Staffing and Private Duty
SALARY RANGE
$13 - $21 An Hour
Work Available In Your Area
9 AM - 5 PM M-F: Est.
BEST CARE NURSING, INC.
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Dairy Herd Manager
Salary up to $1,500 a month to individual w/right qualifications. Future opportunity to buy herd. Reply to:
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Ambitious individual wanted for milking & general farm labor on large Berks Co. farm. Good pay & benefits. If you are reliable please call.
215-689-4247 after 6 p.m.
Ask for Scott

Responsible person w/dairy experience to help milk in parlor. Regular days off, hospitalization, housing. Northampton Co.
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Dairy Equipment Salesperson Position Available
Large, expanding dealership with opportunity of advancement. Guaranteed salary. Health insurance. Life insurance, Paid vacations. Paid Holidays. Retirement Plan.
Send resume to:
Lancaster Dairy Farm Automation
RD 5, Box 184
Manheim, PA 17545
or call
717-665-7300

GENERAL CLEAN-UP
of egg processing equipment.
2 Openings:
8 p.m. to 6 a.m. - 4 days a week
4 p.m. to 10 p.m.
- no experience necessary
- fringe benefits

ESBENSHADE FARMS
Apply 8 a.m. to 4:30 p.m.
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SWINE PRODUCTION TECHNICIANS
to work in large confinement units in both MD & PA. Opportunity for advancement, competitive salary, plus benefits. Experience not necessary, but must have the desire to learn.
Call Dave Heckel or John Chapman at
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Well Known Modern Dairy Farm needs an assistant herdsperson. Duties: Milking and care of dairy cattle with some field work if desired. Outstanding opportunity for young person needing to learn more about excellent management of modern dairy herd. Includes salary, hospitalization and apartment. Please contact:
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Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call
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We need a mature, caring person who likes to have a challenge and enjoys both working and following through on details (payroll, billing, petty cash), meeting people by phone and in person (receptionist), who believes in this work and thus wants to invite others to join us (marketing), and likes to make a staff and residence both happy and satisfied and solves problems (management) This position is assistant managing director and works as the right hand of our managing director, Mrs Jane Jackson
Must like and respect older persons and see the importance of improving their quality of life
Interested, then call Jane Jackson
Country Meadows of Lancaster
717-392-4100

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for tractor trailers to deliver & pickup eggs.
- must be experienced
- must have clean driving record
- must have Class III license
- good benefit package
- full time positions

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Apply 8 a.m. to 4:30 p.m.
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Cargill Nutrena Feeds is seeking an individual to manage a sales territory in central Pennsylvania.
Candidate must exhibit good communication skills as well as technical abilities pertinent to animal nutrition.
He or she will be responsible for developing a strategy and market plan to complement Nutrena's objectives of increasing share of market.
This position offers excellent benefits and income potential. Please send resume, in confidence, directly to:
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Cargill Nutrena Feeds
P O Box 308,
Wakersville, MD 21793
Equal Opportunity Employer

Help Wanted
Shipping Department for Wholesale distributor. Full benefit package.
Phone:
717-299-4444
ask for Robert.

Part time help wanted to bale straw. Excellent pay. Truckers wanted to haul straw. Also straw for sale.
Maplehofe Inc.
717-786-4580

NUTRIENT MANAGEMENT TECHNICIAN
Deadline June 30, 1988
Salary $11,608 + benefits.
This is a temporary position lasting at least 1 year.
Responsibilities include:
assist in writing & review of nutrient management plans for the Chesapeake Bay Program Assist in assessment of the Swatara Water Shed for the Chesapeake Bay Program in Lebanon Co
Qualifications: High School or Vocational School diploma required Some post high school education desired Comprehensive knowledge of farm operations.
Apply or send resume to:
Gary Robson
County Personnel Director
400 South Eighth St.
Lebanon, PA 17042
717-274-2801 - Personnel

COUNTY OF LANCASTER
DIRECTOR, AGRICULTURAL PRESERVE BOARD
Outstanding, independent person sought to implement successfully a Countywide agricultural preservation program. Experienced background in planning, agriculture, land resources and preservation is important. Preferably Master's degree in planning, resource management, agriculture, law, public administration or similar field, or an equivalent combination of experience and training. Salary: $24,690 - $36,420 + full benefits. EOE. Send letter and resume to Karen M. Weiss, Acting Director, Lancaster County Agricultural Preserve Board, 50 North Duke Street, Lancaster, PA 17603-1881.

FIELD SERVICE REPRESENTATIVE
Leading manufacturer and marketer of farm equipment has opening for experienced service representative in a field territory, including the states of OH, PA, MD and northern WVA. Requirements include experience in handling service problems, warranty claims investigation, conducting service schools and training for dealer personnel in operation and maintenance of full product lines Must have administrative as well as mechanical abilities. Extensive travel, expenses & vehicle furnished Qualified candidates only.
Send resume & salary history to:
Hesston Corporation
Attn: Personnel
P.O. Box 4000
Hesston, Kansas 67062
EOE M/F

HELP WANTED
Supervisor to hire & train demonstrators, no investment, collecting or deliveries. June through November. Earnings potential of year round job. Christmas Around The World. Call collect or direct, Sandy or Francis,
717-668-2666

Farmer/Gardener
on Bedminster, NJ estate.
Live-in, experience & references necessary.
Call **201-234-0951**

SALES POSITION OPEN FOR AG. BUILDING & EQUIPMENT
Sales experience and/or ag-related background preferred. Good benefits. Salary commensurate with experience.
Call or send resume to:
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430 Springville Rd.
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717-738-2142

WHEN SEEKING A CAREER AS AN AGRICULTURAL PROFESSIONAL
Contact the Agricultural Employment Specialists
NORTHEAST Agri-Employment Services
P.O. Box 233
Roaring Spring, PA 16673
(814) 224-4542
* An employer fee paid agency

Help Wanted
PERSON FOR INSTALLATION AND SERVICE
- **Dairy Equipment & Commercial Refrigeration**

Electrical Experience A Plus — Full Time — Good Benefits
Send Resume or Call For Appointment
SHARTLESVILLE FARM SERVICE
RD 1, Box 1392, Hamburg, PA 19526 215-488-1025

HELP WANTED
Person For Parts Department
- IH Experience Preferred
- Good Benefits

Call 717-626-4705
Lancaster County

HOUSE COUPLE
Handyman & Housekeeper. Coatesville area. Caretakers country house when owner away. Man's duties: handyman & care of house grounds. Ladies duties: light housekeeping. Adjacent unfurnished house & utilities provided. Separate salary to each person. Mature couple preferred.
Reply to:
P.O. Box 179
Downingtown, PA 19335

25 BUSINESS OPPORTUNITIES

THINKING OF LEAVING FARMING BUT WANT TO STAY IN AGRICULTURE?
Please send resume to
Jeff Evanyk
PO Box 66,
Waynesboro, PA 17268

Let us show you how we can lower your mortgage & insurance payments and also you will want to take part in this business opportunity.
Reply to:
Lancaster Farming
P.O. Box 366 K-177
Lititz, PA 17543

Open your own beautiful retail store. You may select either a discount shoe store (Mens-Womens-Childrens) or a maximum price Jean Sportswear Store-Large Lady Store or Infant to Pre-Teen Store. Nationally known brands-First quality merchandise that you can retail for 6.75 and up. * Andrew Geller * Evan Picone * 9 West * Amalfi * Gloria Vanderbilt, * Camp Beverly Hills * Jordache * Lee * Levi * Liz Claiborne * Zena * Organically Grown and many more. Your cash "$" investment of $14,900.00 to $26,900.00 includes beginning inventory, training and fixtures. Call Anytime.
Prestige Fashions
1-800-247-9127

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Christian family desires employment in peace and tranquility of country living Willing to work on any type of close-family farm for wages plus housing Background includes. sales, mechanical, small animal husbandry. Call collect 301-392-4861

Herdsman position desired, certified AI technician & does routine medical care Wife helps milk, raises calves. On farm housing preferred. Southeast PA 717-684-4941. No Sunday Calls

Wanted: Dairy farm to rent in Cumberland County, Newville area 717-258-5743

POSITION WANTED
on dairy farm, husband & wife team, stanchion or tie stall barn. Will relocate. Serious inquiries only.
215-688-2651

25 BUSINESS OPPORTUNITIES

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Want to make $15/hr. at home? Handmade item every dairy farmer needs Easy extra income for men, housewives, teenagers, retired, and disabled Free information SASE to Goodville Farm Services, Box 6, Goodville, Pa 17528

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Business owners, executives, general managers, vice presidents, foremans and others, not getting anywhere, feel you need a change in your job?
Do something great for yourself and family financially.
This is your opportunity.
Write to:
Lancaster Farming
PO Box 366, R-132
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26 HOUSEHOLD

42" round maple dinningroom table w/formica top & 2 boards, $25, Double stainless steel kitchen sink, $20, Tilt back easy chair, FREE 717-626-5977

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
W.S. Enterprises
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27 PETS

Adorable Catahoula Puppies & Working Farm Dogs For Sale 215-493-4900

AKC Cocker Spaniel, 15 month old, male 717-665-7542

AKC yellow lab puppies, wormed and shots, $175 Mother excellent rat dog 717-726-6002

Australian Blue Heelers, Registered, from good working parents, 4 males, 4 females, $100 each Mifflin Co 717-935-5317

Blue tick coon hound & UKC Plott Best Offer Friendly & hunting 717-529-6704 after 5 p m

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Great Pyrenees Puppies, excellent livestock guard dogs, working parents 717-776-6396

Peacocks for sale 717-656-6348

WANTED-Puppies, all breeds Jack's Dog Farm, Rt 611, Pipersville, PA 18947 215-766-8802

Well established kennel business for sale 37 females, 5 males, house trailer w/mounted kennels, 8x10 storage shed used for office and puppy weaning 7 kennel whelping wagon Al for more information after 5PM, 717-656-7522 Don't let this one slip away

White tail deer fawns, bucks only, $150 each Montgomery Co, 215-326-6678

WANTED Puppies For Pets
AKC, Purebred, Mixed Litters.
Stud service for most breeds
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PUPS WANTED By Jo Jo The Dog Man
$ Top Dollar Paid GREEN CA$H PAID ON THE $POT
There will be a **$100 Prize** for the cutest pup purchased on August 2nd at Root's only
The Pup Stand at Root's will be closed the remainder of June and July.
I will be buying pups at my kennel in Clinton County.
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$ in litter lots for $
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$ **Charlie Hackett** $
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$ $$$$$$$$$ $

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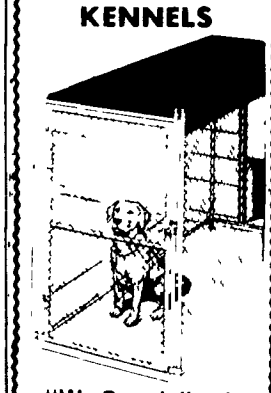

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32 MISCELLANEOUS

C5 Series Tree Farmer log skidder, older model cable skidder, 3-53 Detroit dsl engine, tires worn, runs, engine needs some adjustment, blade not mounted Moving--Must Sell! Asking $6900 201-362-8606

Firewood For Sale Tree tops from 7 acre tract, West of Elizabethtown Mixed hardwoods Easy access Contact Walter H Weaber Sons Inc, Forestry Dept 717-867-2212

FOR SALE 2 Burch cooler doors, 5x6½' AM, 717-423-6717

Oil distributor, 675 gal w/Eager Beaver 1½ ton roller $10,000 717-624-7669

Punch press, small shop, size no 0, GE ¾ HP SP, mounted steel bench, asking $350 Chester Co 215-593-5306 Evenings

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Wall cupboards, pay up to $10,000. Corner cupboards to $5,000. Slant-front desks, grandfathers clocks, rope beds, guns, pottery, toys & anything old. Just give me a call. Free appraisals.
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Anytime

32 MISCELLANEOUS

For Sale· Cattle racks to fit your 12' stake body truck, good condition, stored inside Best Offer 717-469-0782

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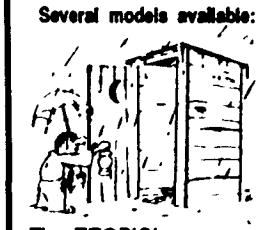

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6 Paul Fisher, S. Queen Road, Gordonville
7 Esh's Sharpening & Sales, Rt. 340, Gordonville
8 Jonathan Smucker, Rt. 340, Kinzers
9 Benjamin B. King, King's Road, Honey Brook
10 The Little Store, Vintage Road, Christiana
11 Emanuel King, Coopers Drive, Kirkwood
12 Ivan Z. Fisher, Loop Road, Quarryville

34 AUTOS

1985 Nissan Sentra, 4-door, black, 41,000 miles, 5-speed, air, good condition, $3800 703-234-9545

'84 Chev. C-20, 4x4, 4 spd., 350, CID	$7,900
'85 Ford F-250, 302, CID, auto. overdrive	$6,400
'87 Pontiac 6000	$8,500
'87 Celebrity	$7,900
'81 GMC van, 12 pass., rear air and heat	$6,200
'83 Ford pickup, 8700 GVW, air cond., 351, CID, 4 spd.	$5,500
'86 Celebrity V-6	$6,800
'85 Dodge Diplomat	$5,300
Polyurethane paint jobs	$300, $400

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33 RECREATIONAL VEHICLES

1972 Pace Arrow 22' motor home, Dodge chassis, 318 auto, appliances and chassis good condition, body needs major repair, $1,600/OBO 717-726-3659

35 TRUCKS AND TRAILERS

1986 Dodge D100, 6 cyl, 4 spd, air, PS, PB, AM-FM, 24,000 miles, charcoal, excellent condition, $6,950 Cumberland Co 717-532-7887

24' Tag-Along, bogie wheels, 10-ton, $5,000, 24' Gooseneck tri-axle, 10-ton flatbed, $3,500, 16' Landscape, dual axles, 7,000 GVW, $1,500, 6x10 with gate, 3,500 GVW, $850, 4x8 tilt, $350, 18' construction 6-ton Tag-Along, $2,400 Ringo Hill Farms, Pleasant Valley, Rt 212, Quakertown, PA 215-346-7340

'71 Ford W9000 truck tractor, 10 spd, 34 rears, diesel, good condition, '73 Trailmobile 40' flat trailer, slider, $9,000 Both or Best Offer 814-642-2188

'81 Chevy C30 w/12' livestock body, good condition Cumberland Co 717-423-6332

'85 Chevy C20, ¾ ton, 305 4 spd, PS, PB, AM-FM, 51,000 miles, excellent condition, blue, $7,200 717-733-2873

'85 Ford F250 4x4, 300 6 cylinder, 4 spd, PS, PB, AM-FM, lock out hubs, new radials, excellent condition, $8,900 717-733-2873

'86 Chevy C20, ¾ ton, 305 auto, PB, PS, AM-FM, 7,200 GVW, new radials, excellent condition, $7,950 717-733-2873

'86 Dodge D250 w/new Stahl utility body, 360 auto, PB, PS, 8,510 GVW, 6,000 miles, excellent condition, $10,900 717-733-2873

'87 Chevy Suburban 6 passenger, 305 FI, auto, PB, PS, air, 2 tone blue, tinted windows, 9,000 miles, like new, $12,900 717-733-2873

'87 Dodge D150 Ram, 318 auto, PS, PB, 6,100 GVW, Michelin radials, 5,000 miles, brown & tan, like new, $8,900 717-733-2873

Dump Truck, single axle White, 30,000 GVW, 220 Cummins, 10 spd. Road Ranger, pintle hitch with trailer air connection. 717-899-6080.

FOR SALE: 1977 Ford lime truck w/1984, 12' aluminum box, auger booms, 1979 aluminum air side trailer, good condition. 717-966-9148.

35 TRUCKS & TRAILERS

'77 Ford LN7000, 3208 Cat, 5&2 spd. trans., 11.00x22.5, 12 ply tires w/13' Johnson FRP Reefer, side mount, Thermo King, XMCW-50-gas or electric, excellent condition, $9,000. By Owner 717-393-4869

FOR SALE: 1972 Int. 2010 truck, 33,000 GVW, 549 V8, 5+2, air brakes, PTO, good condition. Call after 6PM 215-822-3910.

1971 Ford W9000 diesel, 24' rollback, 238, 10 spd., 24F. 23R., airbrake, GVW 34,000, $5700. 304-735-3352

1973, 1800 Loadstar International, 16' dump body van w/roof hatches, 30,000 GVW $5000 717-626-6256

1973 Dodge 200 pickup 318CI 4SP ¾ ton with cap, very good mechanically, needs some body work. 717-367-3088.

1975 16' Winnebago gooseneck 3-axle dump trailer with grain and cattle sides, good condition, $3200. 717-664-2894.

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FOR SALE: 69 Ford F700, 26,000 GVW, 175 V-8 Cat, runs great, 5SP trans. No bed. 717-354-7972 or 354-7935

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For Sale 1977 International 1750 DT466, 5+2sp., 30,200GVW with 20' dry van, side door, overhead rear door Call 717-356-7654

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Lime spreader, 14' Stoltzfus, all hyd., wide bottom, V body, booms and spinners, good condition 717-235-4679. No Sunday calls please.

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45' Wilson Stock Trailer
Excellent Condition
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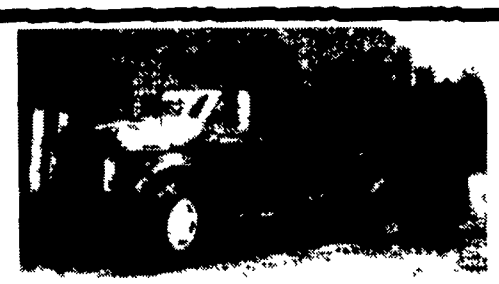

1971 Chevy 10 Wheeler C60 Series 14' bed 427 Target engine 25,000 miles 5x4 transmission, good condition $12,500.
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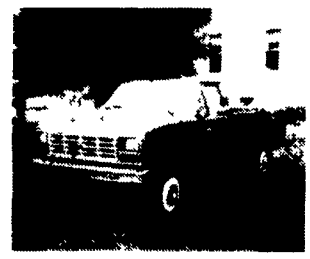
Dual Wheel 4x4 454 Auto, PS, PB, Air, Lock Out Hubs, 6,000 Mi. Ex. Cond.
$16,900

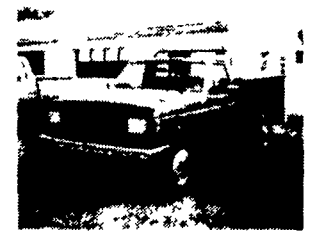
1987 FORD F350
XLT Lariat, dual wheel, 351 HO., auto, PS, PB, PW, PDL, cruise, tilt, air, AM/FM cass. stereo, 2,000 miles, like new with bal. of factory warranty
$16,900

1987 FORD XL F350
With 10 ft. Thiele dump, 351 HO., auto, PS, PB, dual tanks, 11,000 GVW, 500 miles with factory warranty.
$15,900

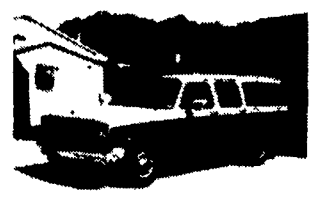


1985 FORD F250
4x4 300 6 cyl., 4 Speed, PS, PB, AM-FM, lock out hubs, new radials, ex. cond.
$8,900

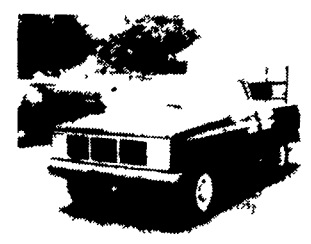
1986 DODGE D350
With 12 ft. stake body, 360 4-speed, PS, PB, Michelin radials, 2,000 miles, like new.
$11,900



1987 FORD F250
With new Reading utility body 300 EFI 4 speed, PS, PB, dual tanks, 8600 GVW, 19,000 miles.
$11,995



1987 CHEVY SUBURBAN
6 pass., 305 FI auto., PS, PB, two tone blue, 9000 miles, like new.
$12,900



1987 GMC
2500 HD. ¾ ton, 4x4, 350 FI, 4-speed, PS, PB, air, AM-FM, 8600 GVW, 17,000 miles, local 1 owner, dark brown.
$12,900

1986 TOYOTA
Dual wheel 1 ton 10 ft. utility body, 4 cyl., EFI, 4-speed, PS, PB, AM-FM, 17,000 miles, ex. cond.
$7,950

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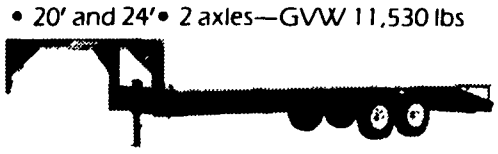
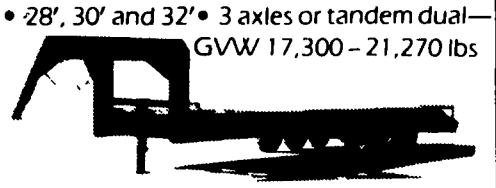


• 28', 30' and 32' • 3 axles or tandem dual—GVW 17,300 - 21,270 lbs



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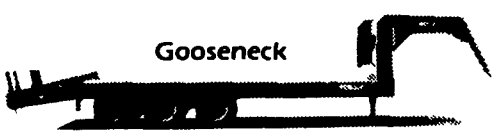
• 2 axle, 3 axle or tandem dual—GVW 14,400 - 23,000 lbs

Gooseneck



• 20' and 24' • 2 axle, 3 axle or tandem dual—GVW 14,000 - 22,600 lbs

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1979 GMC P/S 5+2 Spd., 2 compartment with computerized meter & billing - 15 other retail fuel delivery trucks from 1800 gal. to 3400 gal.

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1979 F800 Ford P/S, A/B 5+2 Spd., central hydraulics, low mileage, 25 other single axle dumps - gas & diesel; from 11,000 to 36,000 GVW, Fords, Macks, Int'l & GMCs

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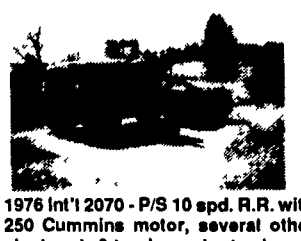
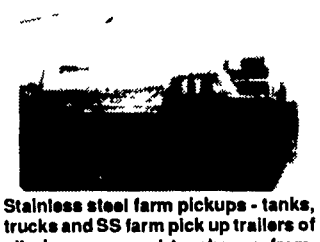
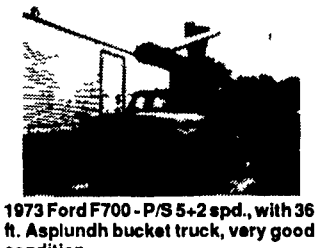


1976 Int'l 2070 - P/S 10 spd. R.R. with 250 Cummins motor, several other single axle & tandem axles to choose from.



Stainless steel farm pickups - tanks, trucks and SS farm pick up trailers of all sizes - several to choose from.



1973 Ford F700 - P/S 5+2 spd., with 36 ft. Asplundh bucket truck, very good condition.

Dump Trucks of all sizes - 1983 C-30 Chevy 4x4, more than single axles, dumps, from 11,000 to 36,000 GVW.

MORE THAN 350 TRUCKS ON LOT AT ALL TIMES
USED TRUCKS OF ALL TYPES - GRAIN BODIES - REEFER - DIRT DUMPS TRUCK TRACTORS - SINGLE AXLE - DRY & REF BODIES. NEW & USED STAKE AND DIRT DUMP BODIES OF ALL SIZES - (We Buy, Sell & Trade) USED TIRES, WHEELS, OF ALL SIZES - USED TRUCK PARTS AND MOTORS - GAS AND DIESEL

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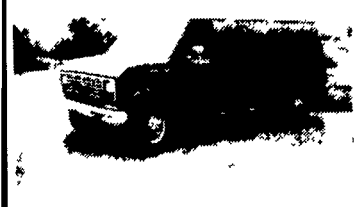
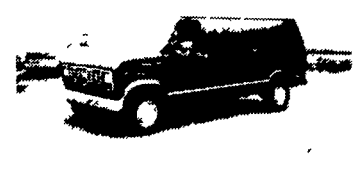
14 ft., flat floor hi cube, dual wheels, Michelin tires, H.O 351, AT, PS, PB,AC, 10,000 GVW, 22,000 miles.
$11,900

1986 DODGE B250
Maxi Cargo, 6,400 GVW, 318 AT, PS, PB, AC, 27,000 Miles.
$8,500

1987 FORD E250
Cargo 7,800 GVW, EFI 302, AT, PS, PB, AC, 9,800 Miles.
$10,300



1987 FORD E350
Cargo, 9,600 GVW, 6.9 Diesel, AT, PS, PB, 23,000 Miles.
$10,700



1988 FORD E150
Cargo, 6,500 GVW, EFI 300, AT, PS, PB, 3,000 Miles.
$10,700

1986 FORD E250
Cargo, 7,800 GVW, 300, AT, PS, PB, 61,000 Miles.
$6,800

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1973 Ford C900 cab & chassis, 477 gas engine, PS, air brakes, 35,000 GVW, 5 spd. w/2 spd. rear, $1,695.
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5th wheel tandem flat bed trailer with brakes, very good condition.
$1,695
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1981 GMC GENERAL TRACTOR
435DD, 13 Speed, Rayco Supsension, 11x24.5 Tires, 212 WB, Sleeper
NORMAN D. CLARK & SON
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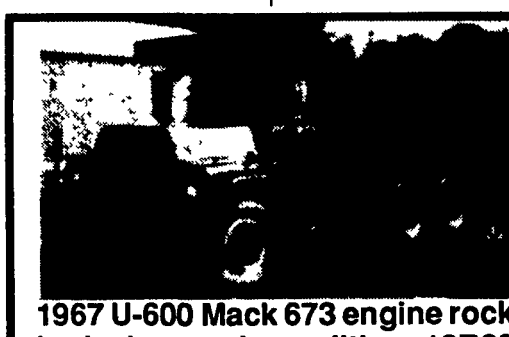
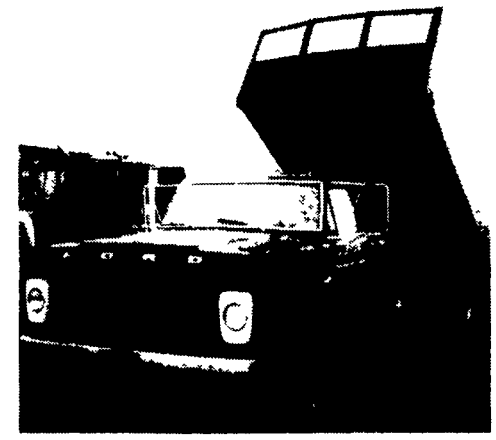


1967 U-600 Mack 673 engine rock body in good condition 10R20 tires 52,000 GVW quad box, good running condition $13,900.
Days 717-532-2857, night 717-532-4350.

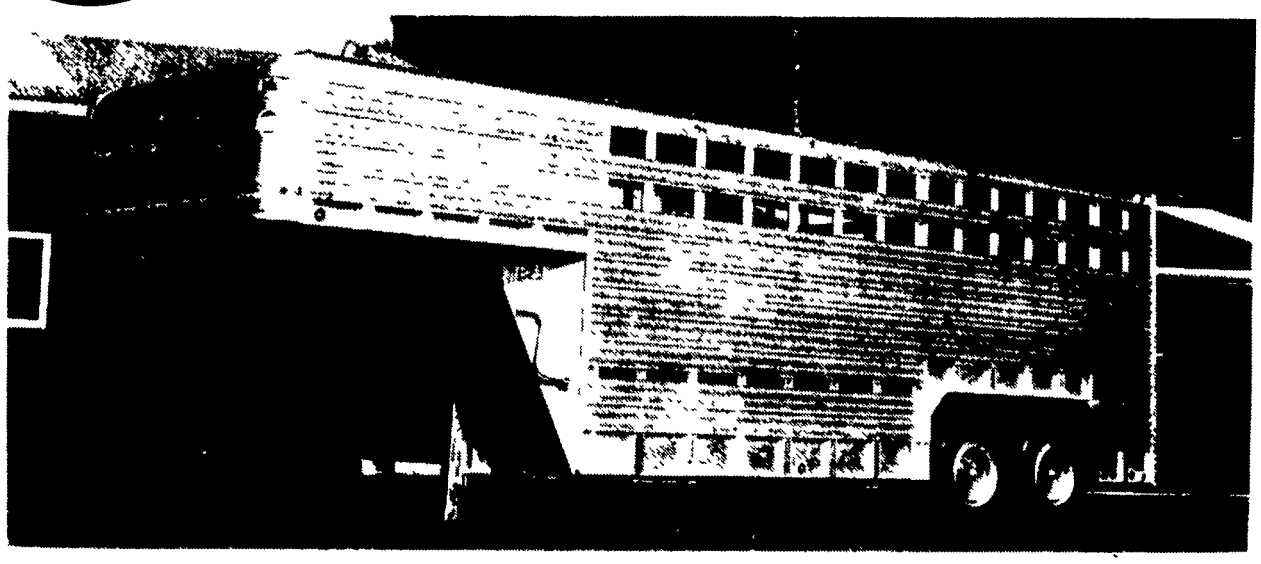
1975 GMC 7500 Single Axle Cab & Chassis, V-71 Detroit Diesel, 5x2 Trans., P.S., Air Brakes, 11.00-20 Tires, 33,000 GVW.
$8,800

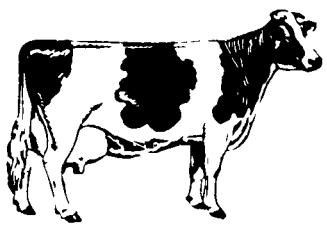


1976 Ford F700 Single Axle Flat Bed Dump, 391 Gas, Auto, P.S., Air Brakes, 10.00-20 Radials, 14'6" Flat Bed Dump
$8,500

Curry Supply Co
CURRYVILLE, PENNSYLVANIA 16631
PHONE (814) 793-2829
(814) 793-4481

EBY BLUE BALL, PA
ALUMINUM GOOSENECK TRAILERS





We Salute The Dairy Farm Families, A Vital Part Of Our Business

20' Gooseneck Trailer

A versatile, lightweight, Eby aluminum stock trailer is built to provide years of maintenance free service An Eby trailer is custom built to fit your individual hauling needs - No mass production! We use only quality components and strong alloy aluminum to manufacture what may be the last trailer you'll ever buy.

- LIGHTWEIGHT - Eby stock trailers are 25-35% lighter than comparable steel trailers. Less weight means better fuel mileage or increased payload.
- MAINTENANCE - Eby aluminum trailers won't rust. Welding and painting can cost you dollars in down time and repairs.
- DURABILITY - Eby trailers are built tough. Quality components and 6061 alloy aluminum provide the ruggedness required in a livestock trailer.

M.H. EBY, INC.
Box 127, Blue Ball, PA 17506 717-354-4971

USED EBY ALUMINUM LIVESTOCK BODIES SALE

- 14' Eby Cattle Bed 6'3" High Inside Rear Roll Up And Drop Ramp
- 30' Eby Aluminum 7'2" Height Set Up To Double Deck
- 17' Eby Aluminum 6'6" Height

BRAND NEW '88
24'x8'x6'6"
C.A. 174"
PRICED TO MOVE

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PO Box 127
Blue Ball, PA
17506
(717) 354-4971

1982 R model Mack 36 sleeper 315 engine, Jake brake RT012513 trans, 11x24 5 Budds rad tires, power steering, air cond, 417,000 miles 112,000 miles engine overhaul 50,000 miles factory reman trans $32,000 717-433-3269

1983 Chevy C10, 6 cyl, 3 spd, PS PB, AM-FM 59,000 miles, blue, nice condition $4,500 Cumberland Co 717-532-7887

1984 F150 4x2, 300 CI, 47,000 miles, MD inspected, new bed liner, towing package, Asking $5,600 Carroll Co, MD 301-751-1170

1965 Amer La France Fire Truck, 1250 GPM pump, 1000 gallon water tank, completely equipped for 30 men, 2 booster reels auto rewind, 300 ft 1" booster hose River Plaza Hose Co Best Offer 201-741-8109

1970 Ford C700, 330 V8, 5+1, 900x20, 90,000 miles w/or without 20' steel flat bed Boonsboro, MD 301-432-8419 7 to 8 a.m or Evenings

35 TRUCKS & TRAILERS

1988 Chevy Silverado pickup truck, dark blue, 4x4, ½ ton series w/heavy duty suspension & 16" tires, 350 V8, PS, PB, AC, tilt whl., cruise control, AM-FM cassette. $14,900.

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Hinkletown, PA
717-354-5610

New 366
Mr. Goodwrench
Chevy Motor, $1,400
Rebuilt 350 &
427 motors.
717-762-7940

1980 Freightliner, cabover, 290 Cummins, 8 speed, 11.24 rubber, very good condition
1974 Pipe 451 flatbed, 42' flatbed.
Mack tractor, will sell or trade.
1969 Ford pickup, 300 eng., will sell, price cheap.
1977 International cab and chassis.
1977 Ford pickup F-150, heavy duty transmission, very good condition.

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3255 Roxbury Road
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532-6257 evenings

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Mack 237, 300 and 673, Cummins 350 big cam, Super 250, 270 and 185, Detroit V692T, V653, V671, 671, 318, 353, 371 and others, gas engines, Ford, Chevy, International, GMC, Dodge and 200 Reo and 478M GMC, many other truck parts.
WANTED
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day or night

Mobile Feed Grinding Mill, mill recently rebuilt, liquid molasses. Best Offer. 412-588-3561

Three Hackney reefer bodies, plate w/evaporator, 2 lift gates, 2 Onan generator units. 215-286-9802.

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12 ton tag-a-long equipment trailer. Asking $1500. 717-866-4088.

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Steel & aluminum, hoist installation, sales & service, frame lengthening & straightening.
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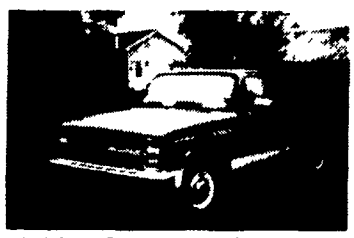
Business **301-778-6646**
Home **301-778-1373**

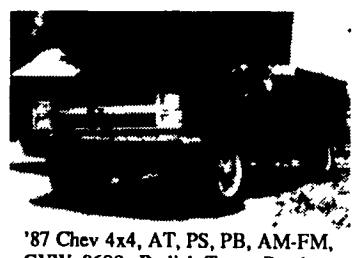
1971 KW 318 Detroit and 1970 Trailco dump, 26' with bows and tarp, lt. wgt., 26,000 lb. Lots of work done on tractor.

717-653-5966

USED TRUCKS



'87 Chev C-20 Pickup, 350 FI, Auto, PS, PB, AC, AM & FM Stereo, Two-Tone Blue & White, 21,000 Miles.
$10,500



'87 Chev 4x4, AT, PS, PB, AM-FM, GVW 8600, Radial Tires, Reading Utility Bed, 26,000 Miles, 350, 1 Owner, Ex Cond.
$12,900

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UTILITY...	Utility, tilt, car hauler $800 and up	
USED...	2-Horse $1000 and up 4-Horse $1600 Gooseneck Moritz '87 18x7½ heavy axle, plywood lined $4500 Car hauler 14' tilt $900	
SPECIALS...	'88 tilt 8x5 3500# axle $700 '88 2-Horse TB $3450 '88 2-Horse TB w/dressing room, extras $4000 '88 Car Hauler 16'x6'10" 4-wheel brakes with ramps $1235 '74 International w/18ft. Eby stock bed $4000 '86 Ford dually crew cab diesel $14,000	

FISHER'S TRAILER SALES
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REEFER TRAILER SPECIALS:
Several 42'x13' Reefer Van Trailers

1981 IHC 1854, DT466, 5 & 2 Spd., A/B, P/S, 35,000 GVW, 22' C & C

(7) 1981-83 Ford Reefers, 14' & 18' Reefer Van Bodies With Diesel Thermo King's

MCDONNELL DOUGLAS TRUCK SERVICES INC.
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Lancaster, PA

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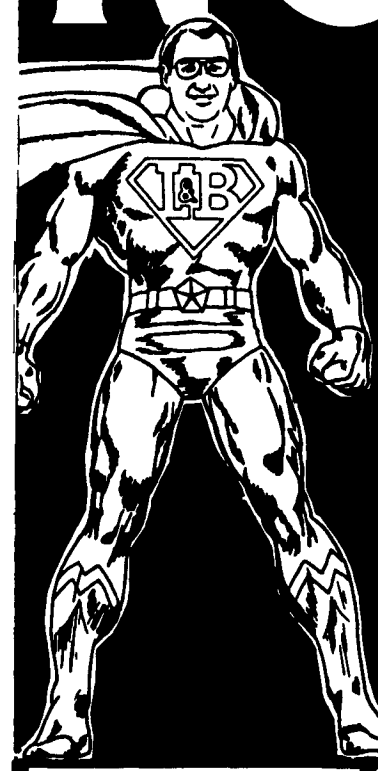

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We have over 1 million dollars in used inventory that must be sold — stop in now & make an offer...

THIS WEEK ONLY!
Over 130 Car & Truck Inventory On Sale.

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'85 CHRYSLER 5TH AVE. 4 DR.
Fully Loaded, Low Miles
Was $10,995 NOW **$9,873**

'87 D-50 CUSTOM PICKUP
5 Speed, PS, Low Miles, AM-FM, Cap
Was $7,995 NOW **$7,183**

'86 CHRYSLER 5TH AVE. 4 DR
Loaded
Was $11,495 NOW **$10,766**

'86 FORD F-150
4 Spd, P S, AM-FM, 2 tone paint
Was $8995 NOW **$8,377**

'85 DODGE RAMCHARGER 4WD
Royal SE, Loaded, 2 tone paint
Was $12,495 NOW **$11,567**

'81 OLDS CUTLASS SUP. 2 DR.
Fully loaded
Was $3,895 NOW **$2,989**

'87 CHRYSLER 5TH AVE. 4 DR
2 tone paint, mag wheels, loaded
Was $13,995 NOW **$13,363**

'86 DODGE ARIES WAGON
AT, PS, AC, AM-FM
Was $7,995 NOW **$7,395**

'81 CHRYSLER IMPERIAL 2 DR.
Fully loaded, 38,000 miles
Was $7,895 NOW **$6,933**

'85 OLDS DELTA ROYALE 2 DR
Fully equipped
Was $9,495 NOW **$8,783**

'85 CHRYSLER NEW YORKER 4 DR
Fully Loaded Turbo, 30,000 Orig Miles
Was $9,995 NOW **$9,199**

'87 CHRYSLER LeBARON 4 DR
1 owner, loaded
Was $9,695 NOW **$8,746**

'83 BUICK CENTURY LIMITED
2 Tone, Very Clean, Loaded
Was $5,795 NOW **$4,988**

T87561B
'84 FORD LTD
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'85 FORD CUST. VAN
Fully Equipped,
Was $11,395 NOW **$10,493**

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16 In X 12 In To 48 In X 22 In
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36 Wide
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Air Hammer H D $37 95
Much Much More In Catalog

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Sold In Over 45 Diff Colors
Factory Packed By The Gallon
Most Colors $26 95 Gal
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SAVE $$$
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Also Save On Sandpaper Tape & More

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Super Quality $129.95
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5 HP ASME CODED TANKS, FROM $599 To $1,069
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DUNCANNON - Find the junction point of the Susquehanna & Juniata Rivers We are on 22 & 322 at the west end of the Susquehanna bridge across from the Clarks Ferry Truck Stop

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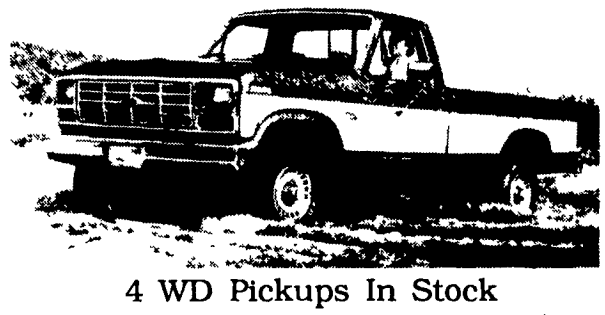
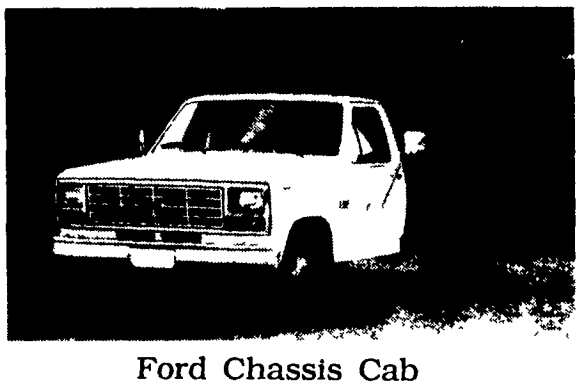
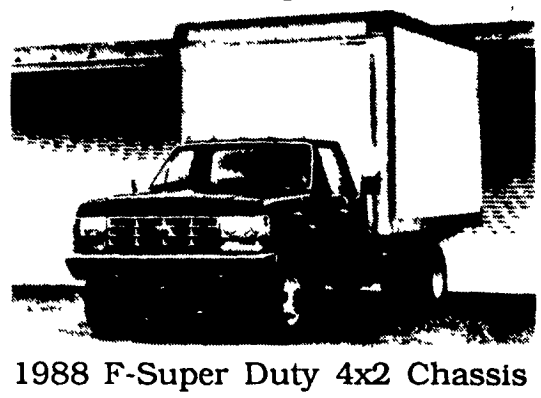
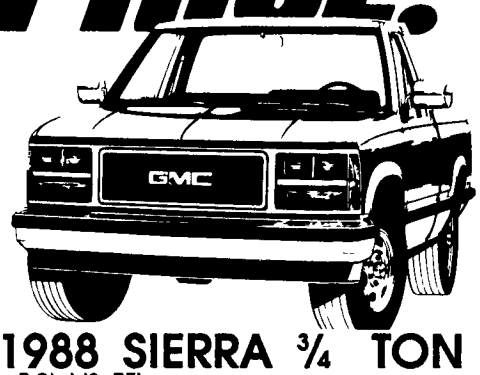

4 WD Pickups In Stock


Ford Chassis Cab


1988 F-Super Duty 4x2 Chassis

35 TRUCKS & TRAILERS

THE RIGHT
TRUCK
AT THE RIGHT
PRICE!



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- 5.0L V8 EFI
- 5 Speed Manual Transmission
- Gauges
- AM/FM Stereo ETR
- Tilt Wheel
- High Sierra

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NOBODY ELSE COMES CLOSE
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(717) 394-0711 Tax and tags excluded

36 REAL ESTATE

10 ACRE CHICKEN FARM Hummelstown, Dauphin Co , PA $179,000 Country place with 40'x250' two story boiler house with new feeder system & Pennfield Farms contract, 27'x58' workshop building, 8 acres fenced in pasture, modern ranch home Call Francis Ulishney 717-272-2989 SUBURBAN REALTY FARM DIVISION, 717-867-4487

22 acre income-producing horse farm in Forest Hill All buildings less than 4 years old Completely fenced Call Janet Nicholson/Ted Cochran, Grempler Realty Inc 301-879-0900. EOHB

FOR RENT. Ranch type farmhouse, barn & meadow House has 4 bedrooms, 2 baths, hot water heat Holtwood area 717-284-4796 or 717-664-4587

ASSUMABLE MORTGAGE! Come to Maryland's eastern shore and put your own chicken flock to work to pay the bills 44,000 capacity chicken houses in great condition with current contract to grow broilers. New 4-bay garage, updated farm house, great outbuildings on over 8 acres $225,000 Chesapeake Country Associates 301-820-8424

BUFFALO CREEK HORSE FARM
374 gentle rolling acres, approx. 320 open, fencing, 2 large barns, grain bins, sheds, pond, creek, road frontage, 20 acre lake joins property, plus 7 room home, 2 baths & small 4 room home $400,000 Bowman Real Estate 804-736-8882

46 ACRE FRUIT FARM, will sell farm, equipment & market stands as a business or sell farm alone. Located York Co., 5 miles NE of Dover. Must see to appreciate 717-292-3327

Apartment for Rent. Loop Road, off 501 north Two bedroom, living room, kitchen and bath. Apt newly built Spacious parking with security lighting No pets $375 per month plus security deposit Available June 1st 393-0646, ask for Jess or 627-2781 after 5pm, ask for Mike

HUNTINGDON CO 100 acre farm, very large bank barn, frame house, new milk house, 7 miles from Raystown Lake $110,000 814-448-2482

Juniata County Nursery Business For Sale By Owner Willing to finance and manage business, includes equipment 717-436-6982 or 717-527-2576

Only 2 miles to a deep river with public boat ramp and marina is this eastern shore Maryland farm 60+ acres of good sassafras soil with well-kept, 2-story, traditional farm house. 50% owner financing available $210,000. Chesapeake Country Associates 301-820-8424.

PERRY COUNTY DAIRY FARM 143 acres, 90 acres tillable, balance woodland and pasture. 33 stalls, 4 unit 2" SS pipeline, 600 gal Mueller bulk tank, Cornell barn cleaner, large house 717-789-4245. No realtors. Owner is real estate agent

Two farms, Shirleysburg, PA Limestone ground, 312 acres +/-, $850 per acre Stone farmhouse, needs restoration, springs, good trout stream, hunting Very private For more information call Scott Palmer or Mary Jane Smith, ERA Van Mater Real Estate, 717-597-3111

Union County, 140 Acre farm, 2-story house, 5-bedrooms, 45x85 barn, borders Game Lands, excellent fishing & hunting $235,000 215-884-5363

We are looking for a farm in the Lititz area Anyone interested in selling, call George at Green Acres Nursery, 717-626-4748

FOR SALE 16x32 cabin on 48½ acres, in Juniata County Patio, never failing spring, good hunting $45,000 negotiable 717-694-3085, 694-3144

FOR SALE Lackawanna Co Picturesque 43 acre farmette w/2 barns and century house Close to Poconos, Elk Mountain & Route 81 Also in Wayne Co. 75 acres Can be divided And 120 acres not zoned near Route 84 Call 717-586-8066 Town & Country Realty Plus, Clark Summit, PA 18411

For rent Meadow and barn Near Holtwood, PA 717-284-4796 or 717-664-4587.

For Sale 127 acre farm, 2 springs, Southern York Co 717-993-2364

For Sale: Dairy farm, Tioga Co , Pa 300+ acres, modern dairy barn, 166 stalls total, 1,500 gal. bulk tank, pipeline, auto feeder, 3 large silos, large machinery shed, large workshop/garage, 2 farm ponds, 1 cabin, large 4 bedroom home, 1-1/4 baths, in good condition w/attached 2 car garage 717-549-6822

For Sale: Farm 100+/- acres House, barn, outbuilding & stream Huntingdon Co , Pa , Lincoln Twp. near Entriken and Raystown Lake Offers considered Glenn L Fouse, Entriken, Pa Call 814-658-2131

House For Sale Perry Co Frame w/aluminum siding, 3 bedrooms, 1½ baths, 7 acres woods with barn & shed, near State Game Lands $62,500 Call 717-438-3322 or 717-438-3428

House Trailer, 14 x 70, 2-bedroom, large bath; central air, $15,000 215-493-3040

FOR RENT Large farmhouse, in Hamburg area 215-926-5280 or 215-926-3875

Farm 230 acres in Garrett County, Maryland House, barn, machine shed Owner financing at 6% 301-334-3379

Farm 98 acres, large modern home, beautiful view, cabin & canoeing on creek, Juniata Co $250,000 717-527-4518 Between 6 & 7 p m

FOR RENT 1 bedroom farmhouse apartment, in the Mt Joy area Looking for individual to do farm work, averaging 10 hrs per month, to supplement rent 717-653-4873

FOR RENT House, pasture, barn, 80 stalls with 4 silos, liquid manure storage, feed available Available Nov 1, 1988 Chester Co. 215-932-8999

FOR RENT: Hog farm farrow to finish Lanc Co Reply to Lancaster Farming, PO Box 366, R-133, Lititz, PA 17543

For Sale By Owner:
167 acre Northeast Pennsylvania modern dairy farm, mostly tillable w/2 houses, nearly new freestall and dry cow facility. 4 silos w/unloaders, automated feeding, double six totally automated parlor, 1,500 gal. bulk tank, large, new machine shed. 5 car garage, in ground fuel tanks, beautiful home, secluded setting. Cattle, some machinery available.
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230 acres prime farm land southeastern York County, large barn, numerous outbuildings, 4BR 1 bath home Call Janet Nicholson/Ted Cochran, Grempler Realty Inc 301-879-0900 EOHB.

400-1000 acre farm for conversion to feeder steer operation, with prime alfalfa/corn soil Topographical maps and photos required for consideration For further detail phone Peter Ferraro at 203-869-0106 or 203-322-9037 evenings

DAIRY FARM
Adams Co. Near Cross Keys, 55 acres recent 50x80 dairy barn with 50 comfort stalls, barn cleaner, 2 box stalls, 900 gal. bulk tank, 16x50 concrete silo, 50x90 old barn, 40x90 storage shed. 4 bedroom frame house, mobile home, Amish in area. Price $155,000.

Call
Kenneth H. Greider, Realtor
717-291-9198

Young married man looking to buy, lease or work to buy modern poultry layer operation of at least 60,000 birds or more. Please help me realize our dreams.
717-530-1591 Evenings

COLUMBIA COUNTY

85 acre dairy farm, large frame bank barn w/attached dairy barn w/43 comfort stalls plus room for 10 more comfort stalls, 600 gal. bulk tank, other outbuildings, 14x70 silo and 10x45 silo, large 2½ story frame dwelling w/4 BR. 70 acres tillable, pond, stream and road frontage.

Horning Farm Agency, Inc.
215-286-5183

DAIRY FARM WANTED

High producing modern farm with 75-100 acres, set up for 40-60 cows. House must be in good repair. Should be within 50 miles of Lancaster County. This farm is needed to relocate one of my customers.

Send information to Ken Greider
Kenneth H. Greider, Realtor
374 Donerville Rd.
Lancaster, PA 17603
717-291-9198

WE NEED DAIRY FARMS LOCATED IN SOUTHERN AND CENTRAL PENNSYLVANIA

NEW LISTING
GENTLEMANS 6.8 ACRE FARMETTE
Northeast Lancaster Co stone 4 BR country home, circa 1800, overlooking a beautiful 20' wide stream Ideal small barn, 3 car garage, 3 acres tillable plus pasture $225,000

19 ACRE FARMETTE
Short drive south of Lancaster, 2½ story 3 bedroom home w/bank barn, 3 car garage, pole cattle building, completely finished for cattle or horses Very unique ideal gentleman farm Priced at $221,900

SUPER OPPORTUNITY
8-Acre Poultry Farm
Ideally located in E-town area Lot of road frontage w/2½ sty , 3 bdrm dwelling w/a 30,000 bird capacity, layer poultry house. Ideal for family operation w/opportunity for individuals seeking additional income! Owner finance Property will be sold! ~~$159,500~~ $149,500 For details call

BEAUTIFUL 3 ACRE, stone, old, fixed-up home, nice setting South of Millersville, Lancaster Co Priced under $100,000

KINGSWAY REALTY
717-569-8701

Potter Co.
191 acres, large 40x140 65 free stall dairy barn w/large hay storage above, 3 bedroom home, 30 corn, 70 acres hay, 91 acres woods, $79,000 Owner wants to sell, make offer

So. Northumberland Co. & Surrounding Counties
180 acre farm, 2 excellent homes, bank barn plus outbuildings, 84 tillable, 15 pasture, balance in marketable timber Pond & stream, excellent water supply $200,000

150 Acre beef farm, 2 homes, 125 tillable, 200 steer feedlot, 20'x 50' and 20'x 70' Harvestores, 8,000 bu corn storage, large corn crib, 125' machine shed, $219,000

300 Steer Feed Lot, 3 Harvestores, bunk, fence pasture with stream thru, only $79,000

Dauphin Co.
Lykens Valley, 80 acres, 75 tillable, house & barn $185,000

Lykens Valley, 100 acres, 89 nice level tillable acres, 3 to 4 bedroom home, large kitchen w/wood stove, bank barn plus new barn, liberal owner financing $225,000

5 miles south of Danville off of Route 54
120 acres, over 5000 feet road frontage, stream, no house $169,000 Also 27 acres, surveyed for 45 lots, city water and sewage **Owner Financing.**

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker 717-758-9177

LANCASTER AREA
REAL ESTATE WANTED

LET US SELL YOUR FARM:
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RESIDENTIAL DEV. PROP. WANTED
We Are Looking For Residential Developments. Call Us!!!

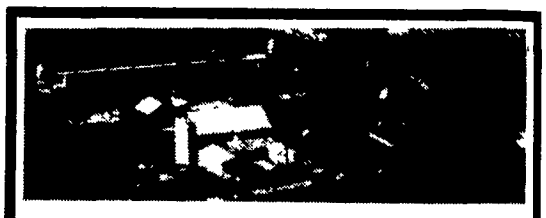
Jack Gaughen REALTOR
Call Ralph Clemans
717-393-0403
1500 Lititz Pike
Lancaster, PA

CHESTER COUNTY

COCHRANVILLE AREA

71 Acre operating dairy farm with mostly fertile tillable acreage & pasture. Big Elk Creek traverses one corner. Buildings situated near center of farm in attractive setting. Bank barn, pole barn & other outbuildings. Owner retiring. Asking $600,000.

PORTER & PAINTER
EXTON, PA Realtors 215-363-7700



CUMBERLAND COUNTY
61 Ac. Hog Finishing Farm 2½ story, 5 BR house, barn remodeled for 300 hogs. Gravity flow manure, Nebraska style 30x160, holds 500 to 600 hogs, only 5 yrs. old. Numerous outbuildings, frontage on three roads.

Consider the possibilities! Only $160,000. **For information on this farm, call or write Phyllis Bender.**

ERA **GARMAN REALTY**
999 Lincoln Way East
Chambersburg, PA 17201
717-264-7999

Mifflin County Dairy Farm

142 acres, 100+ tillable, 2 streams, 3 wells, excellent spring. 18x50 silo w/ unloader, and 12x45, 36 stall barn. 600 gal. bulk tank w/pipeline, large bank barn for heifers. Large 10 room renovated farmhouse.

William H. & Marie Bradford
Lewistown, PA
717-248-7605

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the May 28 or June 25 Issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 364-1169
Kenn Davis	(814) 667-3636
Rachel Port	(814) 669-4194
Mel Rockey	(814) 466-6688

KISSINGER LEONARD & BROWER Realtors
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

TIOGA COUNTY DAIRY FARM 210 ACRE - 130 tillable, 65 pasture, 15 woods. 68'x40' barn w/36'x60' addition, 58 stanchions, pipeline milking, 550 gal. bulk tank, 2 silos w/unloaders, & barn cleaner. Beautifully remodeled farmhouse w/fireplace, 2 car garage, in-ground pool, new furnace & roof. Over 3600 ft. frontage on Rt. 6 between Mansfield & Wellsboro. $225,000. (W334)

GENTLEMAN'S FARM on 35+ acres, 2 story farmhouse, partially remodeled in good condition. 51x50 2 sty barn, lots of fencing, ideal for horses. Near Beautiful Wellsboro. $85,000. (W334)

TWO STORY LOG HOME on 18 acres. 2-3 bedrooms, deck, views, & 1900 Christmas trees for extra income. $83,500. (M233)

106 ACRES, 60% wooded. Beautiful views, good hunting, lots of road frontage, quiet bldg. site, near Mansfield $58,000. (M227)

ERA

HOMESTEAD REALTY

Mansfield 717-662-3287
Wellsboro 717-724-7161
Westfield 814-367-2222

PENNA FARMS

FRANKLIN CO.

108 Acres General Farm, w/bank barn, 70 crop acres, 25 wooded, 12 pasture, road frontage, stream, restored log 2 story dwelling w/L&S Stone exterior.

105 Acre Beef Farm, 1 floor bank barn, 54x90 Morton bldg., 40x96 Agway bldg , 40x80 pole bldg , 3 BR frame & alum. dwelling (needs repairs)

77 Acre Beef Farm, bank barn w/60x80 pole addition, 72x110 pole implement building, silo, limestone soil, NO DWELLING

CUMBERLAND CO.

145 Acre Dairy, limestone soil, 40 tie stalls, pipeline w/4 Surge units, bulk tank, stable cleaner, silo, heifer barn, garage and workshop, 4 BR frame and aluminum dwelling

115 Acre Beef and Hog Farm, farrowing unit w/ nursery and manure pit, silos, 2 story brick and alumi num dwelling

89 Acre General Farm bank barn, silo, road frontage, Yellow Breeches Creek through farm, 3 bedroom brick ranch w/2 car garage

75 Acre Wild Game Farm, 20 wooded acres, creek frontage, pond, bank barn, 3 BR brick dwelling, road frontage.

Charles Wenger, GRI, 263-0945
Fred Willis 776-5369
George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

THE FANTASY OF A FARM

10 Acre Gentleman's Farm in Lancaster County - Partially tillable with some woodland and meadow also an inviting stream. 36x52 barn in excellent condition and 3 car garage. The home has a recently remodeled country kitchen, living room with open stairway and 4 bedrooms. Call for more information.

CENTURY 21
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95 N Reading Rd.
Ephrata, PA 17522
(717) 738-4261

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ASSOCIATE DIRECTOR A.A.C.
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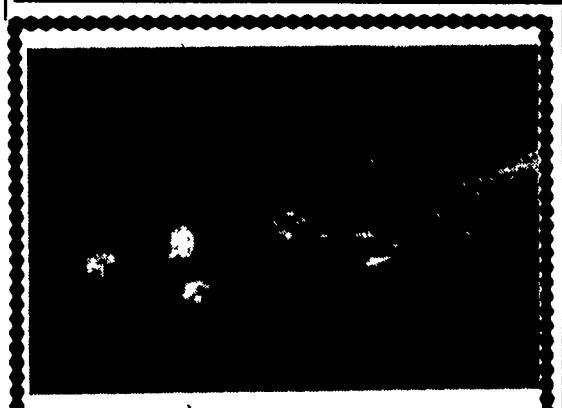
Tamaqua, Pa. 18252



SOUTHERN YORK COUNTY, PA

See this one: 194 acres, 100 tillable, 2 houses, 80x80 barn and other bldgs., ¾ -acre pond, trout stream, riding trails. Income producing property. 12 miles from Interstate-83, 5 miles from Pa. Route 74. By owners.

FOR SALE OR LEASE BIG GAME HUNTING PRESERVE

In Bedford County

1 Lake, 2 ponds, 1 mile stocked trout stream, 340+ acres, front-hard road, back-state game lands, 8' fence, stocked with White Tailed deer & Big Horn & Dall sheep. Financing available. Broker protected.

Ph. 814-652-2319 or write
PO Box 87, Everett, PA 15537

BEDFORD COUNTY, PA

100 acres, 75 tillable, 25 pasture & woods. Excellent 2½ story brick home. Two barns, other outbuildings, 12,000 bu. grain storage. Beef, dairy or hog operation. Other leased land available.

Phone 814-733-4552

TOP SELECTION OF DAIRY & OTHER FARMS IN THE MOHAWK VALLEY IN CENTRAL NEW YORK

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PRIVATE COUNTRY SETTING

Beautiful home only twenty minutes from Altoona, Pa. Just minutes away from Prince Gallitzin State Park with a 1600 acre lake, fishing, boating, camping, and swimming. Surrounded by farmland and thousands of acres of hunting. The home features hardwood floors, oak beams and a cathedral ceiling in a gorgeous family room. Appraised at over $250,000.00, selling for $149,000.00. Contact realtor owner for brochure. Brokers also invited. Call

814-674-8756

Montour County

11.89 Acre Game Farm Operation, 4 bedroom home, barn, deer pen, other pens, pond, pasture and wooded area, $79,000

Union County

10 Acre Mini Farm, ideal for horses, 3 fenced pastures, ran[SOLD]ome, barn, corral and pond, $119,000

150 Acre Farm, house barn, many outbuildings, very nice

Snyder County

48 Acre Dairy Farm, House, barn, includes all equipment and cows

45 Acres, of tillable land, 3,200 sq ft. home, small barn with corral Unique property, $140,000

75 Acres 2 story brick Colonial, barn, outbuildings, 400 [SOLD] of Penns Creek frontage Exceptional property, $210,000

Juniata County

Dairy Farm, 144 acres well equipped, 4 bedroom house, private setting

Integrity Real Estate
717-837-1061
717-966-3851

FARMS FOR SALE

ADAMS CO.
New Listing

187 Acre General Farm, near New Oxford, 2 sets of buildings, each has its own separate lane, each has its own well 122 acres tillable, 29 acres wooded

YORK CO.
New Listing

110 Acre General Farm Near Red Lion (1) 2½ story stone dwelling w/3 bedrooms, modern conveniences, (1) frame dwelling w/3 bedrooms Was a dairy for 42 cows w/room to expand Both dwellings in good condition 58 acres tillable, some wooded, stream in meadow

100 Acres Or More Dairy w/2½ story dwelling & 32 cow operation. This is a going farm and has a milk market.

LEBANON CO.

147 Acre Dairy, room for expansion, 88 free stalls, room to expand to 176 free stalls, milking parlor, bulk milk tank, silo 20x60, 100 acres tillable, stream in meadow, some wooded. Brick 4 BR dwelling w/ conveniences. Northwest of Hershey

94 Acre Dairy, double dwelling w/4BR on each side, dairy b[UNDER] for 32 cows, [AGREEMENT] 64 acres, balance pas[SOLD] w/some trees Northwest of Lebanon

78 Acre General an ideal beef or horse farm, framed bank barn w/ attached buildings, implement shed, large part is tillable 4 BR dwelling has been remodeled and attached 2-car garage Northwest of Lebanon

23 Acre General, bank barn, silo 12x40, all tillable 4 BR dwelling, 1-car garage and one 2-car garage Northwest of Reinholds and southwest of Newmanstown

CHRISTIAN M. MOSEMANN
Real Estate Broker
734 Main Street
Akron, PA 17501
717-859-1004
or call:
James L. Marsh
717-529-2678
or
Marlin Kreider
717-627-8244

NORTH CENTRAL PENNA

80 ac. operating dairy farm, 111 tie stalls, pipeline, 1000 gal. bulk tank, barn cleaner, 3 silos, heifer facilities, outbldgs, stocked pond, 6 bdrm house, LR, DR, kit, etc. Possible lease land available. Asking $145,000 #914

Combination restaurant & bar on main St, in a small town, all equipped, super clean, exc. local trade. A bargain at $118,000 #954

31 acres wooded in great hunting area near State Lands and exc. fishing. Owner financing available. Only $16,500

85 acre Dairy Farm near PA Grand Canyon, 36 tie stalls, 14x50 silo with unloader, bulk tank, barn cleaner, 2 story home, 6 miles from Wellsboro. Asking $130,000 #964

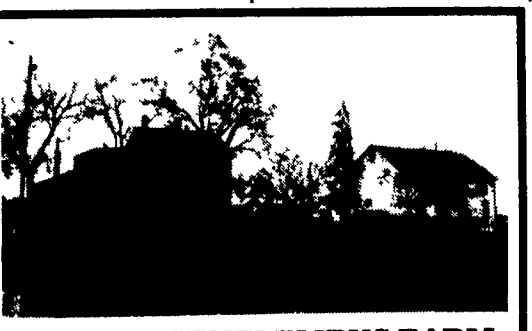
Koch REAL ESTATE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

UNITED NATIONAL REAL ESTATE
UNITED NATIONAL REAL ESTATE
RD 1, TOWANDA, PA 18848
717-265-5924

#4128 - WORKING FARM - 40 acres +/-, $90,000-25 tillable, stock pond, some wds. L-shape, 2-story, 50-tie stall dairy barn, barn cleaner, pipe line, 2 outbuildings, 2 Harvestore silos w/unloaders. 4-bedroom farm home in good condition. More land available.

#4132 - 200 acres +/- farm w/109 tillable, 30 acres river bottom, 2-story barn w/new addition, 69 tie stalls, 23 free stalls, bunk feeder & 4 silos. A 36'x84' machine shed & a 10 room, 2-story wd. frame home. $259,000.00.

#4113 - 78 acres +/- Working Dairy Farm - 40 stall barn, 2-story hay & heifer barn, pipeline, barn cleaner, 2 silos, a 5 bay machine shed & much more. A 4 or 5 bdrm. home in good condition. Stream & stock pond. $140,000.00.



20 ACRE GENTLEMENS FARM

Price Reduced

The lovely 4 bedroom farmhouse has a huge country kitchen and an open stairway in the livingroom. The rooms are all bright and spacious. There is a 52x36 barn in excellent condition, 3 car garage and more. There is 3 to 4 acres of woodland, 3 to 4 acres of meadow (with stream) and the rest is tillable. This property would be ideal for horses or beef. Potential for sub-division. Excellent North of Lancaster location. For more information and to see this property call Shirley at 738-1373 or 738-4261.

CENTURY 21
Hoffer & Assoc.
Ephrata

FOR SALE BY OWNER

5 acre investment property in Lancaster County near Elizabethtown. 60-sow farrow-to-finish shower in confinement unit w/ongoing contract netting $20,000 plus per year. 3-apartment rental farm house w/$10,000 plus per year. Barn and horse pasture, 3-car garage, shop and other small buildings. One surveyed building lot, large garden w/strawberries and fruit trees. $210,000 OBO.

Call 717-367-6634 or 717-653-9617

MARLIN H. FIELDS REAL ESTATE

99 Bridge St., P.O. Box 34
Mifflintown, PA 17059

717-436-8839

JUNIATA & HUNTINGDON CO. PROPERTIES

#2F11 57+ acre farm, 90% tillable. 2 story frame home w/3 bedrooms. Full basement, well, milkhouse & barn. Approx. 10 miles from town. $110,000.

#2F10 156+ acre dairy farm, setup for 40 head of dairy cattle. Milkhouse completely equipped, 85 acres tillable, 31 acres pasture, 40 wooded. Property has 2 wells, 2 story frame house w/4 bedrooms. Approx. 10 miles from town. $160,000.

#2W17 500+ acres of woodland, in Shirley Township, Huntingdon Co. Located on the Black Log Valley Rd. Easy access to the land w/frontage on Black Log Creek. Great for hunting club.

#2W13 Seven Stars area. 230 acres woodland. Could be subdivided into smaller tracts. Prime deer & turkey hunting. Several nice cabin sites. $97,000.

#2W14 Turbett Township. Approx. 61 acres w/over 1,000' road frontage. This woodland joins State Forest Land & has excellent potential for cabins or home sites Call For details.

5 Brokers and 24 Sales People Serving a 5 County Area.

BEAUTIFUL FINGER LAKES AREA

STEUBEN CO. - 380 ac dairy farm, 280 ac til , 60 ac forest, pasture, 2 ponds, 110x60x40 barn, 53 cow tie plus 130 freestalls, 46x30 barn plus additional barns, silos, 800 gal bulk tank, 4 bdrm ranch home, 1½ bath, fireplace, finished lower level, fully insulated, 2 car detached gar, $260,000 #2746

STEUBEN CO. - 325 ac farm, 150x56x36 barn, 45x60 Quonset barn, 40x80 machine shed, 175 ac til 40 ac forest 40 ac tinsil fence 6 bdrm, 2 bath home, $190,000 #2075

STEUBEN CO. - Moden dairy farm, 137 cow capacity, 77 ac til , pasture, creek, pond, forest, 100x64 main barn adjacent 100x40 barn, 2 machine sheds, 2 story barn, 3 epoxy coated concrete silso w/unloaders, pipeline milkers, 400 gal plus 1500 gal bulk tank w/ double cooling unit, 500' barn change cleaner, 500 gal gas pump plus 1000 gal & 1250 gal diesel, 2 compressors, 5 bdrm ranch home, 2 bath, kit w/cherry cabinets, counter space, din rm w/white stone f/p, full basement, wood, elect & F O heat, 2 car garage heated, $345,000 #2780

STEUBEN CO. - 310 ac dairy farm, 20 ac forest, 25 ac pasture, bal til, 100 freestall, several out bldg , silo, double 4 Herring Bone milking parlor, Badger feeder & conveyor, automatic take off, automatic washer, nice 4 bdrm older home, $215,000 #2755

STEUBEN CO. - 91 ac farm, 85 ac til , 5 ac clover, forest, barn, 36x36 plus loafing area, 30 cow tie, 3 bay machine shed, 7 rm 2 story home, 4 bdrm, liv rm, kit, porch, garage, $65,000 #2791

ALLEGHANY CO. - 170 ac , forest w/sugar maple bush, lrg shop, 2 houses all in good condition $89,000 #2682

SCHUYLER CO. - 108 ac , barns, pond, pasture, forest, 5 bdrm house, $71,000 #2728

WRITE FOR FREE BROCHURES ON ALL TYPES OF PROPERTY.

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24 Hr. # (607) 776-2468
For After Hrs. Apt. Call (607) 776-2386.

FARMERS/REALTORS

I have some nice farms listed and some that are not on the market -- call me for details.

FARMERS

I am looking for farms in Juniata, Huntingdon, Lancaster & York for farming purposes.

I am looking for land in Chester, Montgomery, Lancaster, York & Berks for developers.

Before you list -- call us!

We will work to get top dollar for you.

REHRER & ZUBER REALTY

(215) 495-0900
(215) 385-6006
Greg Whedbee, Realtor Associate
(215-286-0536)

WELL KNOWN HISTORIC TIOGA COUNTY TAVERN - Circa 1844. Just 2 miles from the Pennsylvania Grand Canyon. Fully equipped modern kitchen. Large dining room plus large room with bar, 13 rental rooms and a 3 bedroom apartment. Excellent potential - $160,000.00. G-4496

SMALL TRAILER COURT - 11 pads, 8 mobile homes plus a modular home with full basement. Municipal sewer. 2 wells and natural gas. Call for details. $125,000.00. G-4442

CLOSE TO CHERRY SPRINGS AND LYMAN RUN - 3 bedroom camp. All utilities. Modern bath. Good barn for storage - $28,500.00. G-4502

DELIGHTFUL AMENITIES - Are yours in this meticulously cared for 2 bedroom rancher. Easily converted to 3 bedrooms. Over 3½ acres - $64,900.00. G-4500

EXCELLENT BUSINESS LOCATION - Plus a 2 bedroom home with an 84'x40' metal building with a 16' clearance. Office area. 11 acres with long road frontage. - $55,000.00 G-4481

CALL OR WRITE FOR FREE COPIES OF OUR PROPERTIES FOR SALE.

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(814) 435-6558

WIMPLE ASSOCIATES

EAST/CENTRAL NEW YORK

EXCELLENT BARN COMPLEX on this 199 acre farm near Amsterdam with 360° views and 160 acres tillable. 35 acres to use perpetually rent-free. Barn has 48 ties on 2" Surge pipeline, cleaner, new 16x50 plus 14x40 silo w/Jamesway unloaders. 74x84 free stall barn has 37 cow stalls and 45 heifer stalls, rubber mats, 20x60 silo w/ auto feeding. 4 bay machine shed. Large paved & tiled yard. Attractive Greek Revival home. PRICED RIGHT AT $175,000.

"PRETTY POND IN THE WOODS"... 97 wooded acres surround this clearing with a stocked pond. What a spot for a log home. Lots or riding trails cut through for snowmobiling, skiing or horseback riding. Near lakes and golf. $50,000.

CALL WIMPLE'S SLOANSVILLE OFFICE
518-875-6355

SOUTHERN NEW YORK

FREE STALL BARN NEW IN 1982 has 120 stalls with double 8 parlor with auto take-offs & 20x50 silo w/unloader. 296 acres with 150 tillable and pretty views Large stream. Good 10 room home with oil and wood heat. CAN'T GO WRONG FOR ONLY $105,000 with possible terms For appt call 607-792-3355 or .

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FREE CATALOGUES

WANT TO PURCHASE

Farms in Lancaster Co.
717-393-0646
Ask For
Dave Skidmore

Burlington County, NJ
550 ACRES

Farmland in South Jersey near Exit 7, NJ Tpk 3 houses + numerous outbldgs. Facilities & equipment for hogs & cattle. Could easily be converted to a horse farm Property is ideal for person who wants to stay in farming while taking advantage of development value of their existing farm. Call for complete details. $2,475,000.

201-766-0700
Max E. Spann Realtors

SOUTHERN BEDFORD CO., PA

Near Breezewood, Pa., 64 acre, mostly open, picture postcard farm with 2 story, remodeled farmhouse, bank barn, 26'x65' 3 bay garage with workshop plus other outbuildings. Good fencing, small stream and pond. a well maintained farm for only $116,900.

Near Clearville, Pa., Good 2 story, 4 bedroom house, barn and garage on 227 wooded and open acres with spring fed pond, ¾ mile creek, plus 4 acres of blueberry and small apple orchard. Lots of possibilities for $185,900.

Everett Area. Peaceful setting for partially remodeled, 2 story, 4 bedroom farmhouse with 24'x40' all purpose building on 17 acres with small stream. Only $49,500.

90 Year Old, 2½ Story, 4 Bedroom Brick Farmhouse with Spring water, 60'x80' bank barn on 119 acres more or less with over a mile of road frontage. Easy drive to Breezewood and Interstate 70. Take it all for only $104,900.

Paul Plovish Real Estate
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Everett, PA 15537
Phone 814-652-5226

Post & Beam Kit

2 bedroom, 1 bath, eat in kitchen, living room, 24x35* expandable, cathedral ceilings, post & beam peg frame, R28 insulation, thermal pane windows, $28,978*

*** Due to illness & major surgery, I am extending the deadline on the kit until August 1, 1988 and those of you that have responded in the last month please be patient.**

J.L. Buchet
516-862-7013

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St. James
L.I., N.Y. 11780

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We Will Market Your Farm By Auction Or Brokerage. Call Sandy Leaman For The Best Way To Market Your Farm. Please Call On Our Toll Free Hotline 800-528-5832 Ext. 264

Union Co.
85 acre dairy with 48 stanchions, bulk milk tank, nice 4 bedroom house in the Harleton area Priced at $185,000 Be the first to see it Call Sanford Leaman at 800-528 5832 ext 264 or 717-569-4264

Lycoming Co.
247 acre modern dairy operation with sales room for juging operation There are 133 free stalls 62 tie stalls with pipeline milking system There is a large 100 head capacity, young stock barn, 3 silos 20x70, 20x60, 22x60 with roller mill and mixer, 40x100' machine shed and all other needed facilities Large modern farmhouse with 5 bedrooms and 1½ baths Call Pete Zeisloft at 717-437 2305 or Sanford Leaman at 800-528-5832, ext 264

Columbia Co.- Dairyman Special
Excellent 40 Stanchion Dairy Farm with tile trough, barn cleaner, Sealstor 16x44 silo bulk milk tank, lg 9 rm 2½ story dwelling with modern cherry kitchen, formal D R , den, lg living room w/ cherry wood floors This farm has 16 acres and is ideal for a farmer who wants to buy feed and be a successful dairyman Call Pete Zeisloft, 717-437-2305

Juniata Co.- Great Low Cost Opportunity
45A 39 stanchion dairy farm with all buildings new since 1977 including 38x140 barn, 16x50 silo, 24x48 barn, barn cleaner, 770 gal milk tank, bulk feed bins, 3 bedroom ranch house, 10 yrs old Call Dick Crawford, 717-734-3673 for all the details

130 acre dairy with great potential 80-90 acres of good level to gentle rolling, tillable land with rental land available Good dairy barn with 30 tie stalls but could be built larger 8 room stone and frame dwelling Call Dick Crawford at 717-734-3673

Huntingdon Co.- Dairy Farm Family Special
Large free stall dairy farm presently milking 90 and averaging in excess of 21,000 lbs There is 270 Ac total, 100 Ac pasture and woodland Balance is very excellent alfalfa and corn farmland Two homes in excellent condition, rentable land as well to make this a fine family operation Call Sandy Leaman at 717-569 4264 or our toll free number - 800-528-5832, Ext 264

"We Serve 'Your Farm Needs"

Call

Richard B. Crawford- 717-734-3673- Juniata, Perry and Franklin Counties.
Sandy Leaman- 717-569-4264- Lancaster County and Any Other County
Ken Young- 717-426-1098- Lancaster and Dauphin Counties.
Paul "Pete" Zeisloft- 717-437-2305- Columbia and Northumberland Counties.

FARMS FOR SALE
Maryland's Eastern Shore

Large block excellent farmland, 431 acres, 390 tillable, large pond, good flowing stream for irrigation. $1,300,000

187 acres, 182 tillable, older farm house $370,000

220 acres, 207 tillable, $683,000

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• 343 Acre Dairy Farm, 200 T. w/76 stall large dairy barn with hay storage, pipeline milker w/800 gal. tank, barn cleaner, heifer barn, machinery shed, 3 silos, 20x55 conc., 18x55 conc. & 20x33 Harvestore. Lovely 2 story home with 4 bedrooms & 2 baths, eat-in kitchen, living room, laundry & full basement, swimming pool w/sundeck, $375,000.
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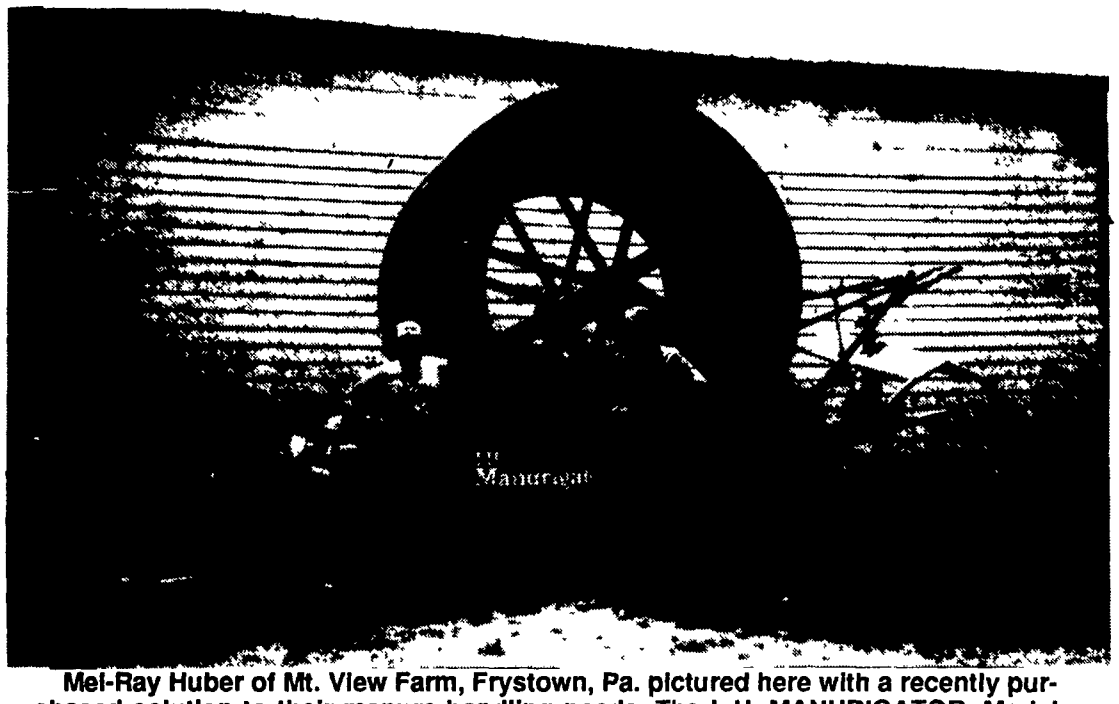


Mel-Ray Huber of Mt. View Farm, Frystown, Pa. pictured here with a recently purchased solution to their manure handling needs. The L.H. MANURIGATOR, Model 1200 is the latest in reel-type traveling gun irrigation equipment from L.H. Resource Management, marketed locally by Binkley & Hurst Bros.

L&H Manurigator Spreads Manure Evenly, Minimizes Runoff

LITITZ (Lancaster) — Ask any hog farmer what his three main sources of irritation are, and one of them is sure to be manure handling. The rapid urbanization of the eastern United States had precipitated many confrontations between farmers, DER, and "transplanted suburbanities". Most of these confrontations center, to some extent, around run-off or manure, or the tracking of mud and manure onto the highways while hauling the manure.

In searching for viable alternatives to spreader hauling, one must consider the success already being attested to by local farmers. One such farm is Mountain View Farms, Frystown, Penn., owned by Melvin, Ray and Jim Huber. Mountain View Farms houses approximately 250 sows plus breeding stock, and markets approximately 13,000 hogs annually. "We figure roughly 12 million gallons of manure is produced per year", says Jim Huber. Jim also states, "We've tried various methods of hauling the manure and this is by far the best method. We bought an L & H Manurigator from Binkley & Hurst Brothers in Lititz, and we couldn't be more pleased. With a rented stationary irrigation system we used previously, run-off was excessive. Moving from one station to another was really messy, and the area around the nozzles became super-saturated, killing potential crops. Now, with the traveler, set-up is simple, and with the ground speed being easily adjusted, even on hilly terrain, run-off is virtually nil."

Along with minimizing run-off, the uniform spreading of manure without excessive "puddling" enables the Hubers to follow promptly with an incorporation tillage tool, thus preserving valuable nutrients and helping to illiminate odor. Mel observed, "With the volume of material we handle, tanker spreading is totally out of the question. We try to be good stewards of the soil by putting the manure to good use, and also we realize you need to be concerned about run-off as well as the odor. We don't think there's a better system than the Manurigator for quick set-up, uniform high-volume spreading, plus immediate incorporation. And we have a good dealership in Binkley & Hurst Brothers."

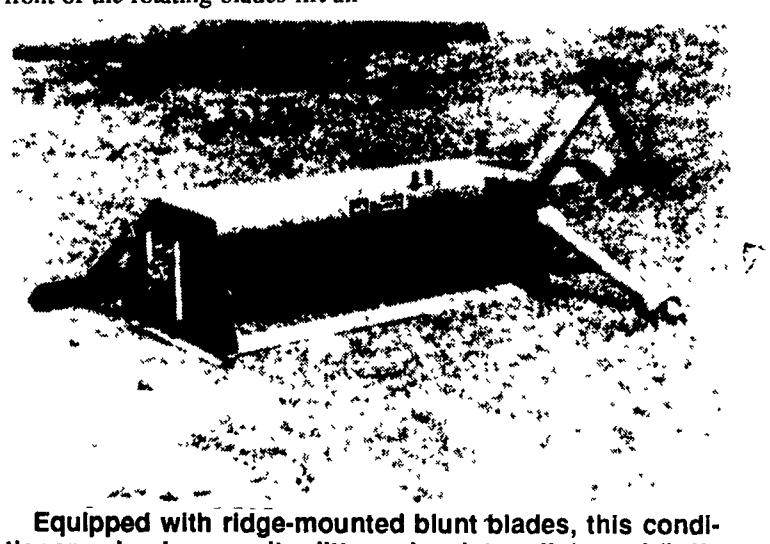
The Hubers are only one of a growing number of livestock farmers who are turning to traveling, reel-type irrigation equipment for manure handling. "Manure should be considered an asset, not a liability," says Ray. "It's a part of any livestock operation, and the key is to find the most feasible way of getting it from the pit to the field." For Mountain View Farm, the Manurigator is the answer.

Poultry Litter Conditions By Brown

EPHRATA (Lancaster) — The Brown Litter Conditioner will cut the cost of re-bedding the poultry house after every flock. It enables farmers to enter their poultry house and pulverize the litter cakes into usable litter.

The conditioner is equipped with ridged-mounted blunt blades that pulverize the litter cakes into a light and fluffy state so that air can move through the loose litter bed. The lifting blade mounted just in front of the rotating blades lift all material from the pad into the blades without mixing the litter with the dirt pad. The leveling bar on the back of the unit will insure a smooth litter bed.

The Brown Litter Conditioner is distributed by Hamilton Equipment, Inc. For the name of your nearest dealer or a demonstration, contact: Hamilton Equipment, Inc., 567 South Reading Road, Ephrata, PA 17522; telephone: 1-717-733-7951.



Equipped with ridge-mounted blunt blades, this conditioner pulverizes poultry litter cakes into a light and fluffy state so that air can move through the loose litter bed.

Pioneer Patents Two Corn Hybrids

DES MOINES, Iowa — Pioneer Hi-Bred International, Inc., has secured its first U.S. utility patents on two corn hybrids.

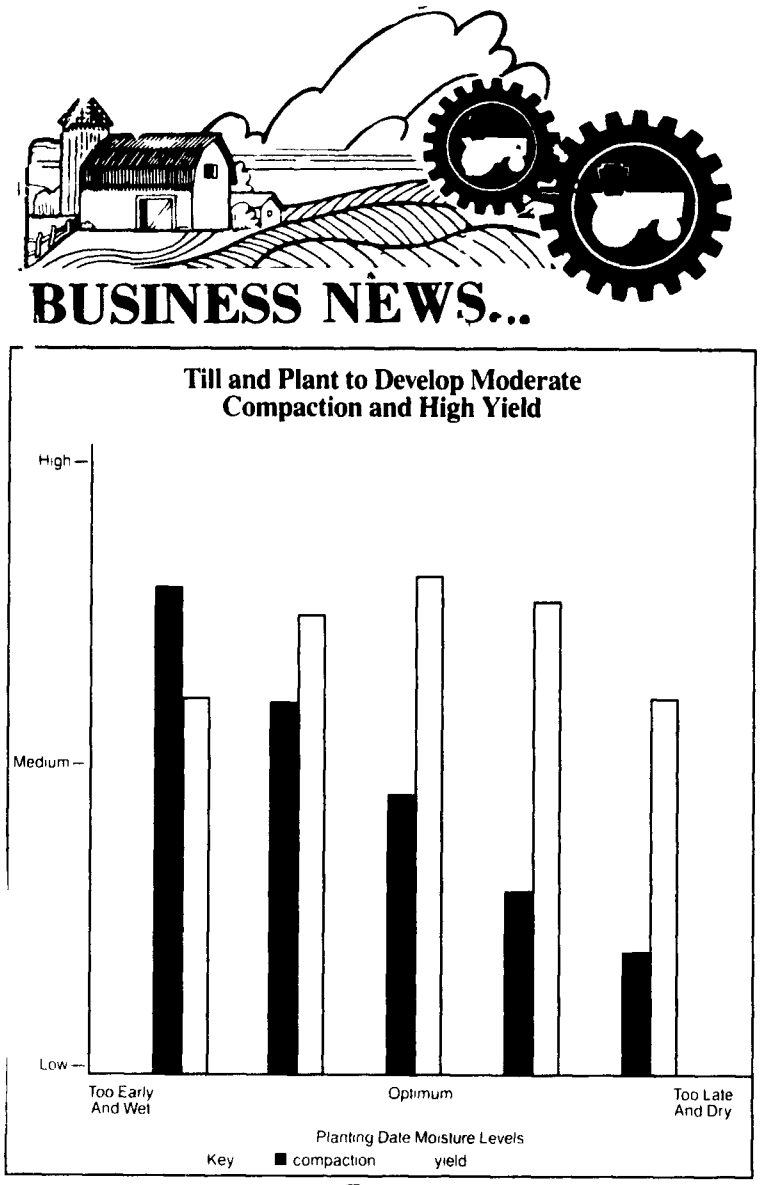
"The utility patent is another form of protection for a research organization to protect its investment," said Dr. Richard McConnell, director of Corn Plant Breeding in North America.

Since forms of legal protection available in the U.S. overlap somewhat, Pioneer also uses trade secrets, common law ownership and the Plant Variety Protection Act (PVPA) to protect its pedigrees and germplasm. The Company now has 21 inbreds protected under the PVPA.

"If we're going to be on a strong footing when all the legal issues and questions regarding worldwide intellectual property rights are ironed out, we need to adopt a strong approach to protecting Pioneer developments," McConnell said.

Pioneer, a major international agricultural genetics company, anticipates sales this year of more than $800 million and a research investment of approximately $50 million.

BUSINESS NEWS...



Tractors with good horsepower-to-weight ratios help farmers balance the pressure to plant early with the need to avoid working in compaction-producing conditions.

Correct Soil Compaction With Proper Tillage

RACINE, WI — Hardpan, soil compaction or whatever you call it, may be choking off your crop's air and water supply and restricting root growth.

Soil compaction has been getting worse in recent years. Blame wet falls, heavier machinery or the mix of the two. Another culprit is tilling soil at the same depth year after year.

So, it's time to dig down and get to the root of the matter. "You've got to identify the problem, then choose appropriate tillage practices," says Nyle Wollenhaupt, University of Missouri-Columbia soil scientist.

To find out if you have a soil-compaction problem, take a spade and dig down about 14 to 16 inches at three different locations. Choose one "good-condition" area, probably along a fencerow; one "poor" area, probably near the field entrance where the area gets a lot of traffic; and some random areas throughout your field.

In a good area, you should find soil that is friable (loose), crumbles easily into small fragments and contains lots of root growth moving freely in all directions. If your random field samples look like this, fine. But if they look like your "bad" area, you might have some problems.

"What you often find is friable soil to a depth of about nine inches (tillage zone), then a hardpan formed by the bottom of the plow smearing the soil together and compressing it," Wollenhaupt says. "The weight of the equipment also contributes to the hardpan."

Timing Important

But research has demonstrated that the timing and frequency of farmers' equipment use are more important factors in controlling harmful soil compaction than equipment size, tire choices or using tracked equipment.

The time available to plant or harvest without harmful soil compaction is often measured in hours rather than days. To help avoid problems encountered by unpredictable weather, many farmers choose high-horsepower, high-production machines.

Using the fastest appropriate field speed also reduces the amount of time the soil is compacted by tractor and implement weight. For example, a wheeled tractor farming at five miles per hour compacts any single soil location for only 0.4 seconds, which allows farmers to start and finish operations while reducing the possibility of creating harmful compaction.

Tractors with good horsepower-to-weight ratios also help farmers balance the pressure to plant early with the need to avoid working in compaction-producing conditions like waterlogged fields (see chart). Properly managing this balance applies year-round to all sizes and types of equipment, including fertilizer spreaders, tracked vehicles, combines and grain carts.

Deep tillage

Hardpans caused by compaction from tillage and wheel tracks are called "tillage pans." Studies on sandy soils show deep tillage can break up these pans and improve crop production on sandy soils.

If you do find a hardpan layer that is restricting root growth, it's time to take action.

In areas where the soil is loose above and below the hardpan (usually sandy soils), simply using a tillage tool that breaks up the hardpan will quickly put your soil back in shape -- at least for awhile. A moldboard plow will work if you can go deep enough, but that leaves bare ground and a chance for erosion. Another option is a chisel plow, but depth is its limitation. A subsoiler will work if you

(Turn to Page C3)

Correct Soil Compaction

(Continued from Page C2)

can pull it deep enough to get underneath the layer.

Cover crops

The ideal soil should have 50 percent pore space and 50 percent solids. The pore space should be about 20 to 30 percent air and 20 to 30 percent water; the solid space should be 45 percent mineral matter and five percent organic matter.

To get soil in that condition you might consider cover crops and such things as rye, crimson clover and vetch in rotation.

Some people, like those at the Rodale Research Center in Pennsylvania, are encouraging what they call a "low-input agriculture" or "conservation agriculture."

Others are even producing products from algae which they say can act as a cover crop and reduce soil compaction. Fred Williams, chairman of the department of microbiology at Iowa State University, says there is a "biological basis" for these algae-based products to increase soil aggregation. He says the algae produce polysaccharides that behave like a "soil glue" which holds the soil particles together.

Those who sell the algae-based products report yield increases in corn, soybeans, milo, cotton and other crops. But Midwest researchers and Extension specialists who tested the product were cautious in accepting the claims.

Rick Cruse, Iowa State University research agronomist, says he tested one of the products in field studies and in only one of four studies was it "favorable." "We saw a slight but statistically significant increase in corn yield in that study," he reports.

In Kansas, Gary Kilgore, Kansas State Extension soils and crops specialist, saw no improvement in his research trials using one of the algae products. "Last year we tested the product at three different locations in replicated research trials in southeast Kansas, two on sorghum and one on beans," Kilgore says. "Nothing happened. The product didn't hurt them, but it didn't do any good either. Neither the yields nor soil tilth were improved."

Kilgore says a company representative was on hand to make sure the product was applied correctly after the crops had emerged. Likewise, a company representative was there at harvest when soil compaction was measured with a penetrometer. "There was no difference in resistance to penetration at 0 to 3 and 3 to 6 inches," Kilgore says.

When Harry Minor, Missouri research scientist, tested an algae-based product on wheat, he saw no difference in the yields after applying the product in the fall, spring or both.

In the meantime, the old standby of a cover crop still looks like a good bet for keeping soil in good condition, according to Zane Helsel, Missouri Extension agronomist. He says a cover crop offers the benefits of soil conservation, improved tilth (soil conditioning), suppression of weed growth and recycling and/or accumulation of nutrients.

Midwest studies show, for example, that alfalfa roots can bring nutrients up from deep in the soil and make them available to corn the following year. Research also shows that a rye crop can pull free nitrogen out of the soil and hold it there for the next crop to use.

Helsel also cited a 10-year study by Missouri researchers that showed no-till had little or no impact on corn yields, but significantly reduced erosion and kept soil in good condition. In addition, no-till required fewer "field days" to get the crop planted.

"Rather than looking for miracle products or ways to correct bad soil conditions, the best bet seems to be using less tillage or rotating those crops and adding legumes," Helsel concludes.

New Shielded Liner Reduces Teat-End Impacts

KANSAS CITY, Mi. — A new shielded liner from Alfa-Lava Agri, Inc. can substantially reduce teat-end impacts during milking, according to a company spokesman.

Richard Hunt, Technical Director at Alfa-Laval, said the company's new DeLaval 01S Shielded Liner is important to dairymen because field studies have shown that teat end impacts can contribute to new mastitis infections in dairy herds.

"From all the evidence we've seen so far" Hunt said, "using shielded liners can reduce new infections in the herd by 10 to 15 percent. When you consider how much production the average dairyman loses to mastitis, you can appreciate the economic importance of the 01S Shielded Liner to the dairy industry."

Teat-end impacts can occur whenever the vacuum level in the milking system drops dramatically. The vacuum drop causes milk particles in the claw to spray back into the liner, forcing milk against the teat end. If this milk is carrying mastitis-causing bacteria, the bacteria can penetrate the cow's streak canal and cause infection.

The 01S Shielded Liner virtually eliminates teat-end impacts due to acute vacuum variations. The liner contains a permanent plastic shield which prevents milk from spraying back into the liner, yet permits efficient milk flow during the normal milking phase.

In a recent series of field trials conducted by Alfa-Laval, the 01S Shielded Liner substantially reduced new mastitis infections in dairy herds.

Furthermore, a six-month British experiment showed that shielded liners prevent about 10 percent of new infections. The British studies also indicated that when a mastitis control program, using shielded liners and teat dipping, is implemented in non-dipped herds, infection rates can be lowered up to 70 percent.

Presently, the 01S Liner is the only complete shielded liner available in the United States. Information about the new DeLaval 01S Shielded Liner can be obtained from any authorized DeLaval dealer.

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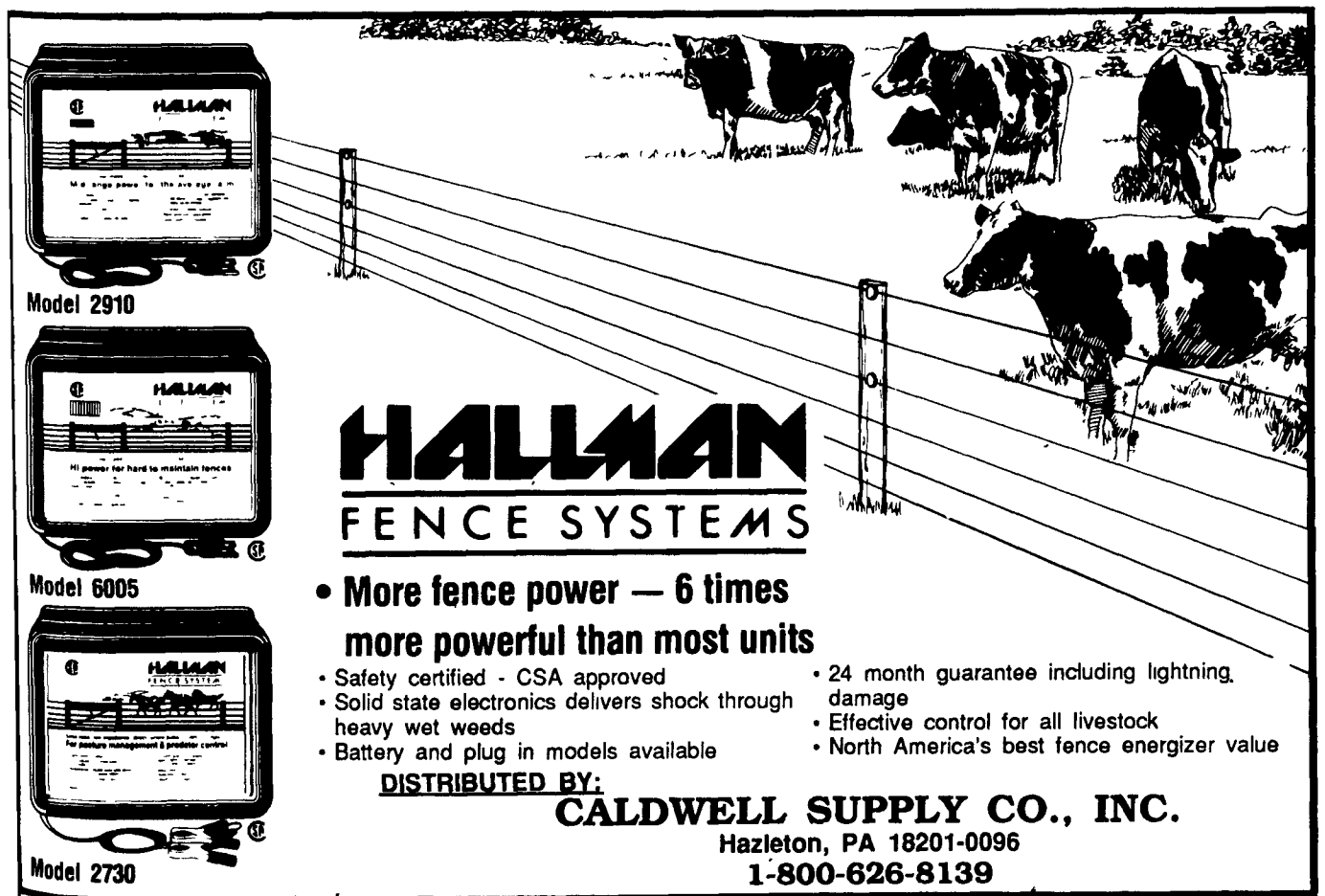

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By Newton Bair

FENCED IN - OR OUT?

Boundaries can be defined in many ways. Sometimes the only way we can know the outer limits of a farm or field is by consulting a map. A proper deed will describe boundaries in "meets and bounds"; only a surveyor or a lawyer can understand what they mean. But a boundary is best understood if a good fence is installed on the line. Even a cow can understand that!

Let's modify that last statement. Some critters view a fence as a challenge, and happiness is when the fence is breached, and the green crop on the other side is trampled and annihilated. I've even seen cows that, once the fence is conquered, pokes her head back through the hole, just to get a blade of grass in her own pasture! It's not the grass that she wanted though, it's the challenge of crossing the fence.

Fences are a challenge to all kinds of creatures, including rabbits, skunks, and groundhogs. It so happens that our yard has the only fence on the block. It was there when we moved in, and I assume that it's built on the legal boundary. A concrete foundation wall set with iron posts, holds a sturdy picket fence. The wooden pickets are just far enough apart to challenge every rabbit, skunk and whistle-pig in the neighborhood. They find every hole, or make one to suit their size. They come from all directions. I think they like our place best, because we have the only fence available.

Now, I love animals, and I should feel flattered that they like to visit so much. The trouble is, they never bring their own lunch. They feel free to help themselves to anything that strikes their fancy. I put it that way because, it's not only what they eat that bothers me, it's what they nibble and taste without eating. They destroy more than they eat!

Our garden has a special fence. It's called "Rabbit Guard", and is made of wire, two and a half feet high, with tiny holes in the bottom half and bigger ones in the top half. Big rabbits can't get through, but little bunnies can. Now little bunnies love everything we grow in the garden except Rhubarb and Onions. If we can't conquer the bunnies, we'll have to settle for Rhubarb and Onions!

Now "Rabbit Guard" is not guaranteed to keep out groundhogs. No sir-ee. They can't go through it or over it, but being groundhogs, they go under it. Even under the wooden pickets, and under the wire fence inside the pickets. They really love fences, and seem to love them more when there are two layers to challenge them. They like rhubarb, too!

Fences are no deterrent to squirrels either. They harvest the peach crop, and they carry off the nuts from our Persian Walnut trees. Skilled acrobats, squirrels can walk on a smooth wire. I found out when I hung the bird feeder in the middle of the washline. They fattened up on expensive birdseed.

An old saw says that fences sould be "Horse High, Hog Tight and Bull Strong". Even that kind can't keep small invaders out. Nor can it keep a wandering imagination in.

Now there has to be a lesson in all this. No fence can keep a mind from wandering all over the place. Human imagination and curosity can't be fenced in, nor can ideas be fenced out. So, freedom and friendship means "Don't fence me in". Or out, either.

As for "Good fences make good neighbors", why, I have plenty of good neighbors that don't even own a fence. They have nice gardens, too. I guess that's lesson enough.

Computerized Apple Records Damaging Bumps

EAST LANSING, MI — A computerized "apple" can detect possible bruises to apples headed for the supermarket.

"Just 3½ -inches in diameter, the battery-powered apple is an assembly of electronic parts cast in a sphere of beeswax, and is small enough to be packed in containers with real apples," said Galen K. Brown, a U.S. Department of Agriculture engineer.

"The artificial apple automatically records the bumps that real apples receive as they're moved from orchards to retail stores," said Brown, who is with USDA's Agricultural Research Service here.

Apple losses after harvest — caused by damage from handling, shipping and storing — total millions of dollars annually. Because fresh apples command higher prices than processed apples, Brown said, growers prefer to minimize damage rather than have the fruit turned into applesauce.

He added that it could be scaled down even smaller and reshaped to match other fruits or vegetables. For example, he envisions the sphere being adapted to study damage to citrus, melons, peaches, tomatoes, potatoes and cucumbers.

Inside the "apple" is an accelerometer to measure the force and duration of bumps. Also, a clock provides the precise time when each bump occurs. The computer is set to record only these bumps that are forceful enough to cause damage.

These data are memorized and later fed into a personal computer. Researchers then compare the printout data with actual damage to apples handled with the computer.

The computerized apple is the product of cooperative research between a team of agency and Michigan State University engineers. Since last fall, the apple has been tested in several packing lines. It consistently helped researchers pinpoint locations in the handling system where damage occurs, and recommend improvements in equipment and handling procedures to reduce apple damage.

Last November, the "apple" was packed in containers with real apples and field-tested in trucks on trips of 30 to 360 miles. Data correlating the number and severity of bumps to actual damage was compiled.

On truck runs, the least damaged apples were those held in a cell pack, a plastic foam pack encasing each apple in an individual cell. "Regardless of mileage, a short section of rough highway can take its toll on even carefully packed apples," Brown said.

By adding other sensors to the "apple," temperature and humidity data could also be recorded to help evaluate conditions during storage and transport.

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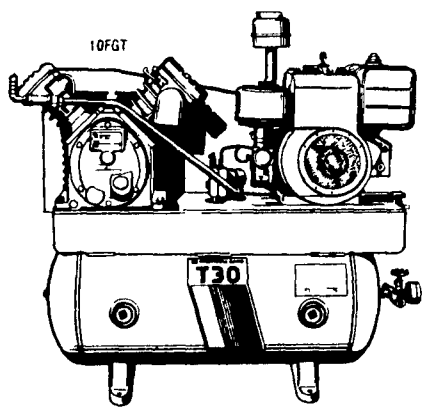

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1988 Vegetable Book Available

NEWARK, DE — A booklet on 1988 vegetable crop budgets is now available at county Extension offices.

Budgets for 22 different vegetables are provided, including expected cash costs and anticipated returns. Prices and yields are calculated at best, expected and worst conditions.

These budgets are useful in analyzing alternative enterprises for farm operations and managing input costs. Each budget page has a space where individual farmers can insert their actual costs.

Prepared by extension vegetable specialist Ed Kee and his assistant Lori Rider, the 58-page booklet is free if picked up at one of the following Delaware Extension offices. The publication may also be ordered by mail for $2 (make checks payable to University of Delaware).

New Castle County Extension Office, Townsend Hall, University of Delaware, Newark, DE 19717-1303.

Kent County Extension Office, Lochmeath Plaza, 4601 South DuPont Highway, Dover, DE 19901.

Sussex County Extension Office, University of Delaware Research and Education Center, R.D.#2, Box 48, Georgetown, DE 19947.

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IH 93 combine, 10' grain head, good condition, stored inside, $2,200 Dauphin Co, 717-469-0126

IH Farmall 140 tractor, like new, PS, snow plow, farm implements Best offer 215-746-0234 or 215-252-5859

IH manure spreader, very good condition, PTO, $650, Oliver 620 wire baler w/kicker, working order, $750 215-968-1812.

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1 FARM EQUIPMENT

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FOR SALE NH 1495 haybine, JD 4020, power shift $4500, Troybuilt tiller $575 717-733-0575

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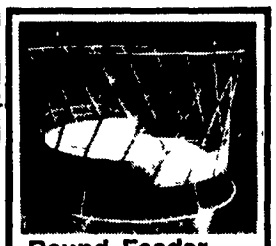

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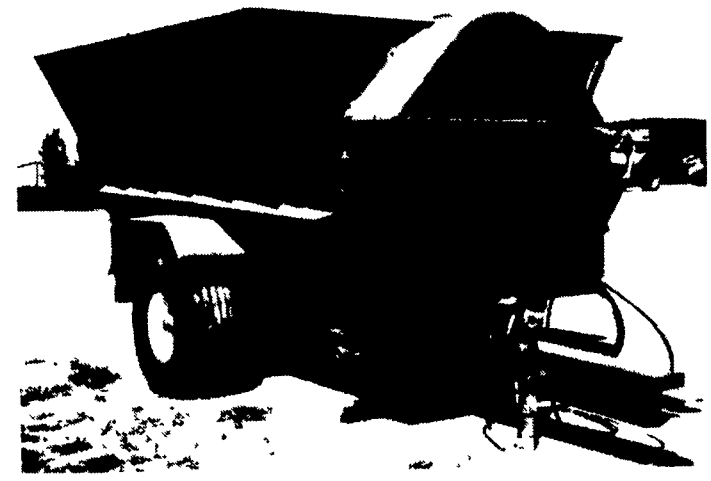

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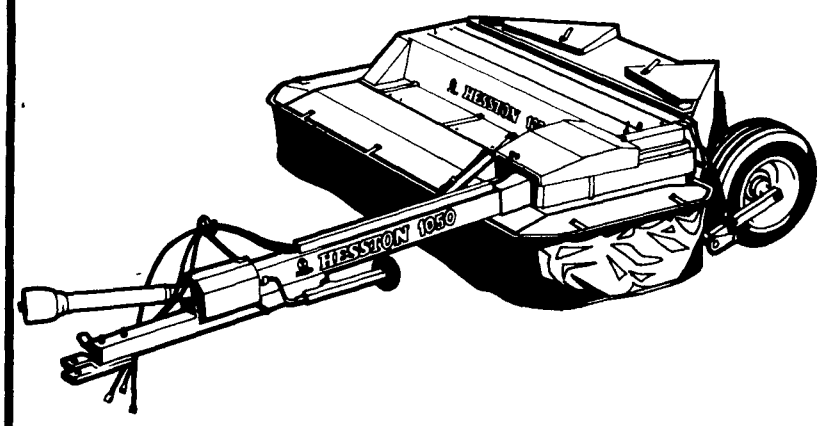

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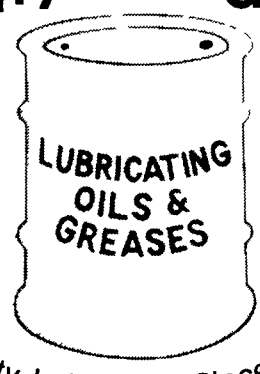

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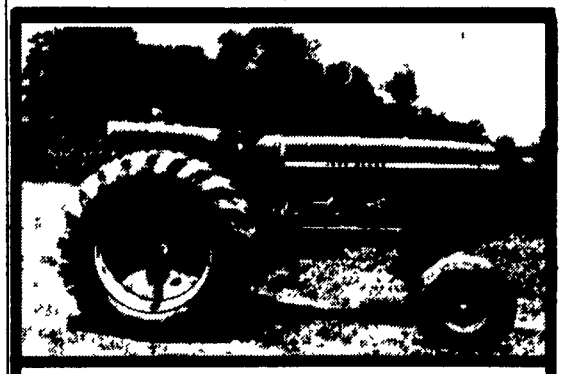

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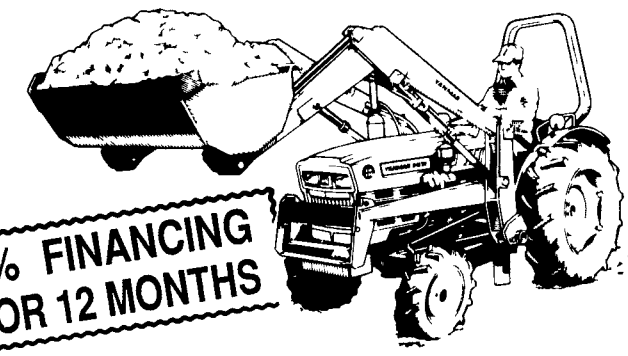

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You can work a Yanmar diesel tractor hard all day and it's ready to come back for more. That's what makes Yanmar the value choice among so many owners. And every Yanmar is field-ready to take on the many jobs you have to do. From tilling to mowing, from loading to backhoeing, there's a Yanmar diesel tractor ready to work for you.

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- Choose 2 or 4 wheel drive
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- Check Yanmar s long list of standard features

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Tractors and Implements More than You Expect

Test drive a Yanmar today. It's ready to do an incredible day's work for you

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Peach Bottom, Pa.
717-548-3775 or 717-548-2094

Vicon NEW VICON EQUIPMENT

CASH BACK on Selected Vicon Equipment

(1) KM 321 Mower Conditioner
(2) LS 400M Sprayers, 28' Booms
(1) LS 870M Sprayer
(1) LS 1910T Sprayer
(1) LS 1410T Sprayer, Truck Mount
(1) LS 3010 Sprayer w/45 Ft. Hyd Fold Boom
12 Seeder/Spreaders - All Sizes!
(1) Electronic Weather Station
(1) 9 Wheel Trailer Rake

Just Arrived! NEW 7 FT. PEQUEA TEDDERS

NEW MASSEY-FERGUSON
(2) MF 1010 Tractors
(2) MF Estate Mowers
(1) MF 1045 Tractor
(1) MF 1030 Tractor
(1) MF 1016 Loader
MASSEY-FERGUSON
(7.25% Financing - 36 Months)

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(1) 310 Manure Spreader
(1) 220 Manure Spreader
(3) 9x18 Bale Throw Racks, w/8-Ton Gears

USED EQUIPMENT
(1) 500 Gal. Century Sprayer
400 Gal. John Blue Ground Drive Sprayer
Hesston 1410 Hydroswing

NEW HOLLAND

USED TRACTORS

Ford 9N- $1,995
Farmall Super A- $2,400
Farmall H- $700
Farmall 656 Hydro- $4,900
Int 560 Gas w/Loader- A Clean, Solid
Workhorse!- $4,200
Ford 600 w/Hyd Drive 6 ft Sickle Bar

USED COMBINES IN STOCK!

JD 6600 Level Land	1369 Hours
JD 6600 Diesel Level Land	2893 Hours
JD 6600 Diesel Level Land	3286 Hours

CHECK OUR BEFORE—SEASON SALE PRICES!
Selection Of Heads In Stock!
Will Sell With Our Limited Used Equip Warranty
Remember! • Finance Waiver Til Sept 88 • No Payments Until 1989

New JD 6620 Sidehill In Stock

MISC. USED
NH 328 Manure Spreader- Needs A Little Work
NH 519 Manure Spreader w/Endgate & Upper Beater, Nice Condition- $2,375
Gehl Hi Thro 54" Blower, 540, No Pipe- $995
NH Heavy Duty 283 Baler, Good Cond, No Thrower- $3,500
NH 770 Harvester w/2RN Head- $3,500
NH 36 Chopper — Rebuilt, Good Cond- $2,800
JD 7000 Planter, 30 Inch, Liquid w/Pump- Call For Price
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Lockwood Hyd SP 3-Wheel Cherry Picker To Reach High Places—Bldgs, Trees, Etc- $1,995
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Brillion
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w/Auto. Drive
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Cyclone $1,950

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Kubota L-2000, Completely Reconditioned

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AC 333 6-Row No Till
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SKID LOADERS & UTILITY
Case 580C Loader Backhoe w/ROPS, Coming In
Case 580C Loader Backhoe w/Cab
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Case 580D Loader Backhoe w/Cab
Case 580D, ROPS w/Extendahoe
Case W20 Loader
JD 820 Track Loader
JD 350 Loader w/Backhoe Attachment
Gehl 4400 Skid Loader

MOWER CONDITIONERS
(2) Hesston 1014 Windrowers
Hesston 1090
Hesston PT-10 Windrower
NH 469 Haybine
Vicon KM 240, Rotary Disk Cut
Vicon KM 321, Rotary
Gehl 1080, Rotary Disk Cut

FORAGE
Hesston 2000-100 For. Harvester w/2 Row Wide
IH 715 Combine w/4-Row Narrow Head
(2) Gehl TR3038 2-Row Forage Heads
Gehl 610 Forage Wagon
IH 550 w/2 Row Head And Pickup
IH 120 For. Wgn. w/Tandem Axle Running Gear
Fox 3000 Harvester
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NI 329 Super Sheller
Assortment of Gehl 99 Forage Blowers

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100 HP Electric Motor
NI 218 Spreader
Kelly Farm Loader
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Simplicity 16 Hp.
Dixon 424 - Real Nice
Bolens FS-11 Mower
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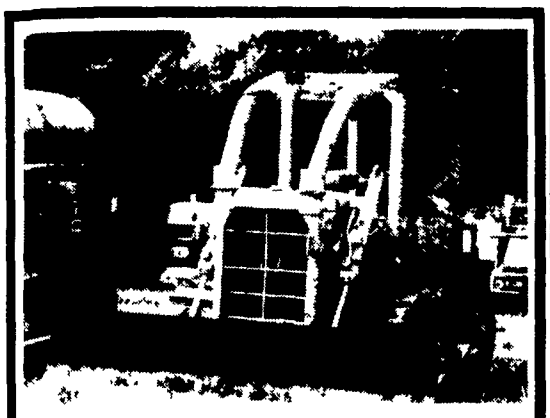

Cat D4D 82J Series
w/D4E Winch and Angle Dozer
$7,000

301-833-9091

WISCONSIN ENGINES
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USED TRACTORS

• IH 560, Engine Rebuilt, Wide Front	$3,700
• IH 706	$3,400
• IH 826, 3 pt	$5,700
• IH 1206, 3 pt	$5,600
• 200 AC	$6,000
• IH 560	$3,000
• IH 806, Engine Rebuilt	$5,500
• ACXT 190	$4,900
• Ind JD 300 Tractor w/Loader and Cab, 2200 Hrs	$8,400

USED EQUIPMENT

• NH 455 Mower w/New Guards	$1,150
• Brillion Cultipackers, 10, 11, 12, Ft	
• Gehl 600 Forage Harvester	$1,600
• New Grimm Hay Tedder	$1,450
• 6500 JD Forage Blower	$850

WE REPAIR FARM-RELATED TRACTOR & DIESEL ENGINES
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Reasonable Rates

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1 Mile North of Bird In Hand
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JD 2950, cab & air, 4WD	
JD 2950, 38" rubber, excellent	
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JD 2940, 4 WD	$15,500
JD 2940, 2 WD, sharp	$13,000
JD 2840, excellent	$9,000
JD 2640, 1980, sharp	
JD 2630, Excellent	$7,500
JD 2040 SOLD	$5,500
JD 4430, power shift, fender tractor	
JD 4230 SOLD	$8,000
JD 4020, power shift, side console	
JD 4020, wide front	$5,750
JD 430	
White 2-105, cab & air	
Oliver 1850 diesel	$6,000
Oliver 1855, New SOLD ngine	$6,500
MF 1085 w/Cab & air	$9,000
MF 1135	$5,000
MF 1130	$6,500
Int. 340 w/2 btm. plow	$2,500
Int. Super M w/Wide Front	
MF 124 baler w/kicker	
Cat D4D w/blade	$12,500
JD 450 w/blade	$8,750
JD 350B Crawler Loader	
JD 450 Crawler Loader	
Hiniker Cab for JD 4020	$1,000
White auto reset plow 5-18, like new	
Roll guard for 2950	$650
JD roll guard cab	$800

FOR SALE BY OWNER
MF 550 COMBINE

Cab, Air, 43 Corn Head, 13' Grain Head, Gear Drive. One Owner. Machine in good condition.

$15,000
717-784-6359

FARMER GOING OUT OF BUSINESS

Ford Tractor, 5000 diesel w/dozer blade & chains, $5,000
IH Grain Drill, $500
NH Haybine 479, $2100
NI Rake 402, $500
Battery-Powered Seeder, $50
Portable Milker, $75
Runnig Gear, $75
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Silage Blower w/table, $300

Lancaster Co. 215-593-7228

USED FARM & LAWN EQUIPMENT

JD 210 w/39" mower
JD 214 w/38" mower
JD 314 w/38" mower
JD 317 w/46" mower
JD 318 w/46" mower
JD 755 4 WD tractor
JD 48" walk-behind commercial mower
JD tilt dump collection system for 300 & 400 Series JD tractors
JD 3200 generator, like new
JD 4020 po SOLD hift tractor
New Bush Hog 4 & 5' Rotary Cutters In Stock
New JD 5, 6 & 10' Rotary Cutters In Stock

Sale Prices On The Following New Equipment

JD 48" commercial walk behind mower $2,550
JD 1000 2-Btm. 3 PT plowCall For Price
Hardi 80 gal. 3 pt. sprayer w/20' boom & hand gun $965

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NEUHAUS'ES, INC.
Main St., P.O. Box 124
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John Deere Consumer Products Equip.
717-235-6831
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USED EQUIPMENT

Kubota G4200 w/Mower As Is Special	
Was ~~$2,500~~	$1,500
Kubota G5200 w/Mower SOLD	SALE
Was ~~$3,500~~	$3,200
Kubota B5100 w/Mower	SALE
Was ~~$3,200~~	$2,900
MF 35 w/Sauder Loader SOLD	SALE
Was ~~$3,500~~	$2,500
Ford 5000	SALE
Was ~~$4,950~~	$4,500
Mohawk Brush Cutter SOLD	SALE
Was ~~$695~~	$595

Coming In...

- JD 210 w/Mower.... SALE $1,500
- Farmall H..... SALE $1,200
- Kubota B7100 HSD w/48" Mower ..... SALE $6,500
- Kubota L-235 w/Mower..... SALE $5,500
- Ford 800 Industrial Loader Tractor ..... SALE $4,500

Full Line of Kubota Equipment Available At:
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Located: 4 Miles North of Reading on Rt. 61 - 2 Miles South of Leesport
Hours: Mon. thru Fri. 8 to 5; Sat. 8 to 3

All Oak Bale Wagon Racks

18'L - 9½'W - 7½' H painted
8 ton 86" wide track gear
adj. tong. 11-L tires and tubes
Complete - **$1,295.00**

16' oak wagon bed, painted	$180
8 ton gear, no tires	$450
4 used car tires and tubes	$40
4-11L tires and tubes	$170

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For wagon gears only -
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---

1 FARM EQUIPMENT

256 NH Rake, $1150
Two 8x8x18 thrower wagons, $1050 each
560 Farmall, $2700
JD 224 Baler, $1600
4x14 fast hitch plow, $350
461 NH Haybine, $875
All equipment is in used & in good condition
215-488-6927

Used Mower Conditioners
NH 1495, cab, air, diesel
NH 1495, cab, Ford, gas
JD 2280, cab, diesel
Hesston 620, cab, gas
Forshey's Inc.
Martinsburg, Pa.
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FOR SALE
FARMER GOING OUT OF BUSINESS

Case 1896 all wheel drive, cab, air, heater, 12 speed electric shift, 4 remotes, less than 400 hours with 96L Case loader
Farmall FH 200 w/cultivators & scraper blade.
Farmall A w/Woods belly mt. mower.
Int. 986D - High Clearance, Rops, only 1052 hours.
Int. 656D - High Clearance, with rear fert. attach. and front cult.
Int. 140 - High Clearance, Cults. and fert. attach.
Int. 140 - Cults. and fert. attach.
Int. Super SOLD with cult.
Int. AV with vacuum lift and cults.
Kubota L245H - only 546 SOLD rs with cult. and fert. attach.
Kubota L245H - only 358 hours SOLD cult. and fert. attach.
Two - 1969 GMC's with 24 ft. alum. van bodies.
Hardy 500 gal. stainless steel sprayer with hyd. booms.
Hutchmaster plowing disc.
White chisel plow, 12' like new condition.
McConnell S tine 16 ft. harrow.
White 508 plow - 4 bot. SAR disc coulters, covers bds., depth wheel and side hill hitch (only plowed 100 acres)
3 row Mechanical transplanter.
38' Tandem Flatbed Trailer, good condition
35' Tandem Flatbed Trailer, fair condition
25' Single axle Flatbed Trailer, fair condition
Tandem axle dollie.

WE WILL NOT BE RESPONSIBLE FOR ACCIDENTS ON OUR PREMISES

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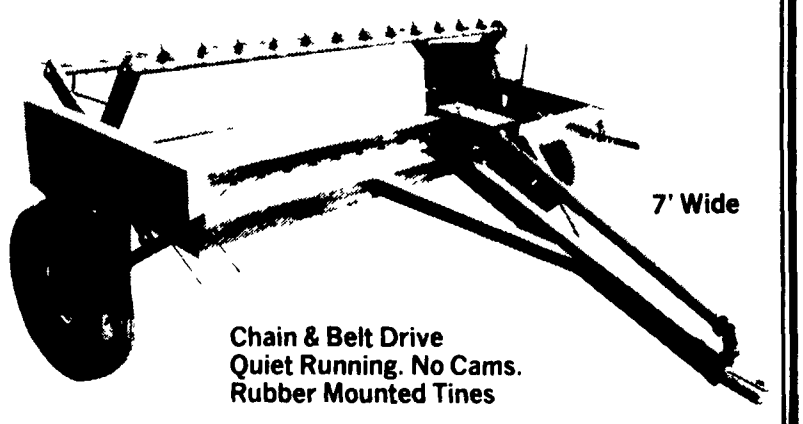
GEO M **ZIMMERMAN INC.**

P.T.O. HAY TEDDER



7' Wide

Chain & Belt Drive
Quiet Running. No Cams.
Rubber Mounted Tines

List Price...$1,544
SALE PRICE..... **$1,295**

ZIMMERMAN'S FARM SERVICE
Bethel, PA
(717) 933-4114

LEBANON VALLEY IMPLEMENT CO., INC.
Richland, PA
(717) 866-7518

1 FARM EQUIPMENT

NEW EQUIPMENT

Deutz Allis 6250 2WD
Deutz Allis 6260 2WD
Deutz Allis 6265 2WD w/Loader
Deutz Allis 7110 AWD, Cab, Heat & Air
Deutz Allis 13½ Ft. 2500 Disk w/Cushion Gangs
Model 380 HD Baler
750 Gal. (Cagle) Sprayer

USED EQUIPMENT

JD 1290 Mower-Conditioner
IH 800 4 Row Plate Planter w/Liquid Fertilizer Field Ready
5 Bottom model 700 IH Plow, spring reset
Kuhn 3 Pt. 6'7" Mower
AC E-111 Combine w/240 Corn Head and 10 Ft. Grain Head Excellent Condition
NH 1469 NH SP Haybine w/Ford Engine

Special On Planters New & Used
Liquid & Dry Fertilizer
Plate & Air Units

COMPARE OUR PRICES ON WOODS MOWERS

B. EQUIP. INC.

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WALTEMYER'S SALES & SERVICE, INC.

John Deere Sales & Service
Route 24, 2 miles South of Red Lion
717-244-4168 or 717-246-3662

USED EQUIPMENT

1984 IH 1480 axial flow combine w/1,400 hrs., 6 row narrow corn head, 17½ ' flex platform

1975 JD 6600 Side Hill combine w/643 corn head, 215 flex platform, good condition
JD 4030 tractor, quad range & 2 post roll guard
JD 4520 tractor
JD 1209 mower conditioner
Knight 350 soup or Solid manure spreader, tandem axle, very good condition
2 row Champion potato harvester w/ motor
JD 125 skid loader
Woods C80 pull type rotary mower
JD 896 parallel bar rake
JD 125 chuck wagon on 1065 running gear
JD 240 disc mower
AC model B w/starter, lights, hyd., belt pulley & PTO w/plow & cultivator

USED EQUIP.

JOHN DEERE

JD 2640 Tractor
NH 495 Mower Conditioner
JD 4420 Combine w/Platform & Corn Head
JD 1240 Corn Planter
JD 7700 Combine
JD 7700 Combine w/640 C H. & Platform
JD 6600 Side Hill Combine w/444 Corn Head
JD 6620 Sidehill Combine w/215 Flex Platform
JD 6600 Side Hill Combine
NH 892 Chopper w/3R C.H. & PU Attachment
IHC Silage Blower
NI Silage Blower
JD 716 Forage Wagon
JD 3940 Chopper
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
JD BWA Disk
JD 35 Chopper
JD 7000, 6R Cons Planter
JD 27 Shredder
NH 489 Mower Conditioner
JD 1217 Mower Conditioner
John Blue 400 gal. Applicator
JD 1450 5 btm. Plow
JD 1450 4 btm. Plow
JD 8350 18x7 Grain Drill

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
Ph: 301-452-5252

RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

Magnum 7110 MFD
235, 4WD
245, 2WD
265, Hi Clear
275, 2WD
275, 4WD
385, w/ROPS
900 Cyclo Planter, 6R

IH 475 Disc 17'5" Priced to move
IH 181 Rotary Hoe, 15' Demo
IH Cub Mechanic Special

USED EQUIPMENT

IH 370 Disc, 11'6"
IH 1256 Tractor
500 Crawler R/C
Farmall H
Farmall C
NH 56 Rake
IH 45 Baler
NH 269 Baler w/thrower
JD Hay Rake
Haines bulk bodies
IH 3-Btm Mtd. Plow
Mechanical trans-planter
Oliver 4-Btm. Semi-Mtd. Plow
IH 4 btm. semi-mtd. plow
MF 4-Btm. Mtd. Plow
MF 82 Combine 13' Grain Head
Haines Stone Pickers
(2) IH 234 Corn Pickers
IH 455 Corn Planter
IH 456 Corn Planter
IH 1150 Grinder Mixer

case IH

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Since 1949

PARTS VALUE OF THE MONTH

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EARN UP TO $144.00 IN REBATES!

Offer expires July 16, 1988

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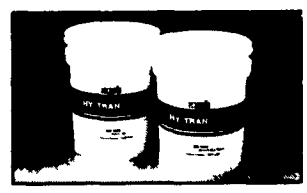
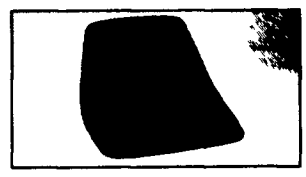
Phone (717) 367-1319, 653-8867 OR CALL TOLL FREE 1-800-222-3373
We Ship UPS



HY-TRAN PLUS
Good for a 5 gallon container of Hy-Tran Plus Hydraulic Fluid Part #372705 Limit two

List	$27 33
Our Special Price	$22 52
Mfg Rebate	4 00
Net Cost After Rebate	**$18.52**

case IH Rebate Expires July 16, 1988



SEAT
Good towards the purchase of one lawn and garaden tractor seat, #ZSA7768102 Limit one

List	$38 79
Our Special Price	$33 50
Mfg Rebate	4 00
Net Cost After Rebate	**29.50**

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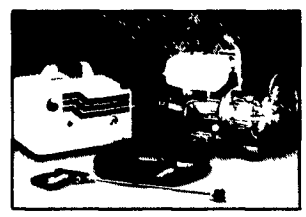


PRESSURE WASHER
Good towards the purchase of either 1500GH gas pressure washer, part #B17604 or 1000GED electric pressure washer part #90992 Limit one

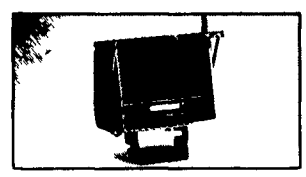
1500GH Gas, #B17604

List	$879 99
Our Special Price	$731 00
Mfg Rebate	50 00
Net Cost After Rebate	**$741.00**

1000GED Electric #B90992

List	$549 99
Our Special Price	$489 00
Mfg Rebate	50 00
Net Cost After Rebate	**$439.00**

case IH Rebate Expires July 16, 1988



RADIO
AM/FM stereo fender mount radio with cover Part #ZVX3000TRA Limit One

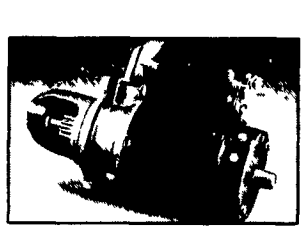
List	$163 25
Our Special Price	$139 99
Mfg Rebate	20 00
Net Cost After Rebate	**$119.99**

case IH Rebate Expires July 16, 1988

PAINT
Good towards the purchase of 1 gallon of Case IH enamel paint Any color Limit of four 1 gallon cans
Pricing Example
Case IH #B17562 Gloss Red

Special Price	$23 49
Mfg Rebate	5 00
Net Cost After Rebate	**$18.49**

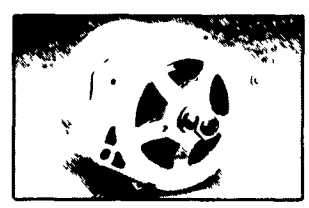
case IH Rebate Expires July 16, 1988



STARTER
Good towards the purchase of any Case IH Remanufactured Starter Limit One
Pricing Example
Case IH Starter, #480905Z

Special Price (Exchange)	$53 48
Mfg Rebate	5 00
Net Cost After Rebate	**$48.48**

case IH Rebate Expires July 16, 1988



ALTERNATOR
Good towards the purchase of any Case IH Remanufactured Alternator Limit one
Pricing Example
Case IH Alternator #130126Z

List	$96 20
Our Special Price (Exchange)	$53 59
Mfg Rebate	5 00
Net Cost After Rebate	**$48.59**

case IH Rebate Expires July 16, 1988

HAND CLEANER
Good for one 4 5 lb container of either standard, #B17585, or antiseptic, #M20662, hand cleaner Limit one

MFG. REBATE

$3.00 ea.

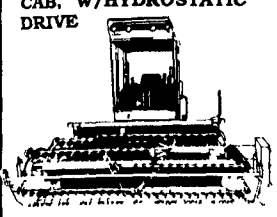
case IH Rebate Expires July 16, 1988

Best Buys in Used Equipment

TRACTORS
- Farmall Super C w/Cult. (Good Cond.)
- Farmall Cub w/Mower
- Farmall H
- IH 706 Tractor
- JD 850 w/6' Belly Mower
- MF 30 w/2 Bottom Plow 2 Row Cultivator

LOADERS
- Owattona 1700, Gas

N.H. 1495 SELF-PROPELLED HAYBINE CAB, W/HYDROSTATIC DRIVE



DON'T MISS IT!

MISC.
- Int. Model 1150 Grinder Mixer
- AC WD 2 Row Corn Picker

HAY & FORAGE
- E-Z Flow Gravity Box With 8 Ton Gear
- NH 256 Rake, Ex. Cond.
- NH 315 Baler w/58 Thrower, Very Clean
- Gehl 99 Blower
- IH SP 225 Mower Conditioner- 9 Ft. Cut
- NH 852 Round Baler w/ Auto. Wrap
- NH 890 N2 Snapper Head
- NH 495 Haybine, 12 Ft., Good Condition
- AC Gleaner Combine w/3RN Cornhead, 13' Platform, Good Cond.
- NH 1890 SP Forage Harvester, Cat Diesel, 3RN Cornhead
- NH 268 Baler & Thrower
- Gehl 600 Harvester w/ Snapper
- NH 890 Forage Harvester w/2 Row N Cornhead & Pickup Attachment
- NH 1495 SP Haybine, 12 Ft. Head, Hydro., Good Cond.
- NH 258 Rake, Ex. Cond.
- Int. #15 Hay Rake
- NH 489 Haybine
- AC Forage Blower

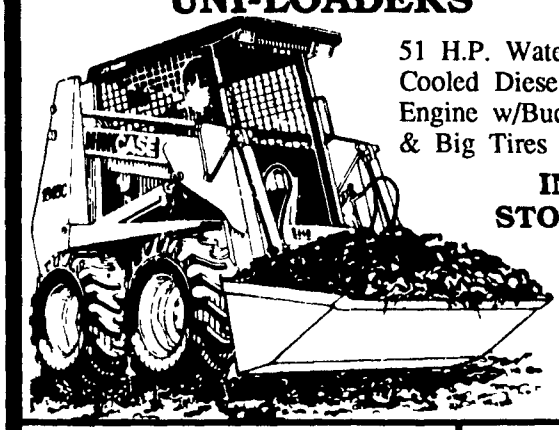
SPREADERS
- NH 791 Spreader w/Hyd. Endgate
- NH 790 w/Top Beater, Ex. Condition

PLANTING & TILLAGE
- Tye 20x8 No Till Drill
- IH 620 Press Whl. Drill, 20x7
- IH 56 Planter, 4 Row, Ex. Cond.
- Krause 14' Disc Harrow
- Dunham 16' Packer w/ Transport
- Brillion 16' Harrow

MESSICK FARM EQUIPMENT, INC.
Rheems Exit- Rt 283, Elizabethtown, PA
717-367-1319, 717-653-8867

case IH

NEW CASE IH 1845C UNI-LOADERS

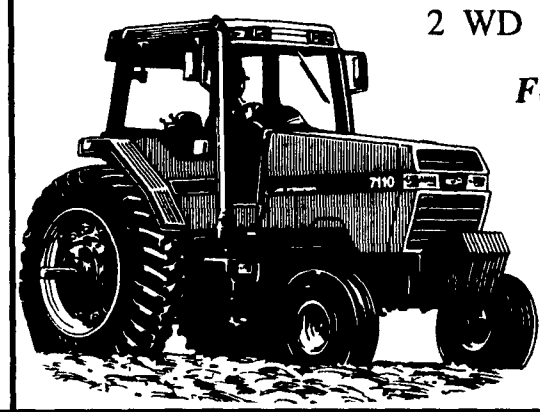


51 H.P. Water Cooled Diesel Engine w/Bucket & Big Tires

IN STOCK!

CASE IH MAGNUM 7110

2 WD

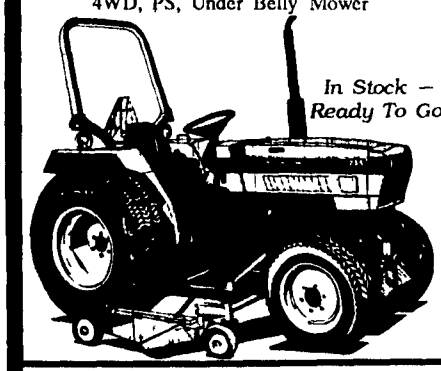


Farmers Number One Choice!

IN STOCK

CASE IH 255 COMPACT TRACTORS

4WD, PS, Under Belly Mower



In Stock — Ready To Go!

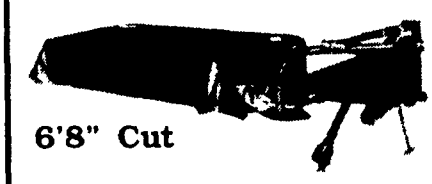
CASE IH 5100 GRAIN DRILL

16-7 Plain & 20x6 Combination

GRAIN & SOYBEAN SPECIAL

IN STOCK-Ready To Go!

CASE IH MODEL 3205 DISC MOWER



6'8" Cut

Never Clogs — Just Mows!

ATTENTION FARMERS: If Parts Are Needed After Hours to Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

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Toll Free In PA: 1-800-222-3373

case IH

Ford Credit

0% FINANCING FOR 12 MONTHS OR **WAIVER OF FINANCE** — Til Sept. 1 1988

LOW RATE FINANCING
- 0% For 12 Mos.
- 5.9% For 24 Mos. • 8.9% For 48 Mos.
- 7.9% For 36 Mos. • 9.9% For 60 Mos.

OR **BIG CASH REBATES** (Up To $13,000!)

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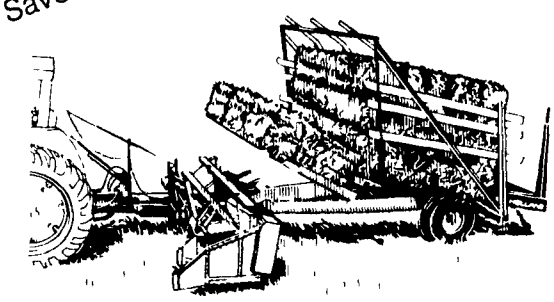
N.H. 1003 AUTOMATIC BALE WAGON

One Man Bale Handling

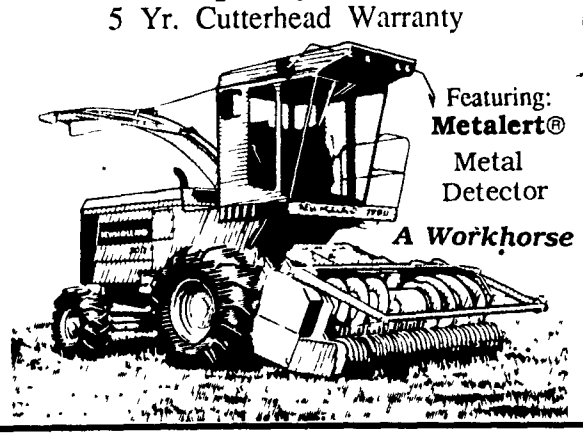
Labor Saver — Handles 83 Bales Per Load (14x18)



N.H. 1900 FORAGE HARVESTER

4 Row Capacity w/270 H.P.

5 Yr. Cutterhead Warranty

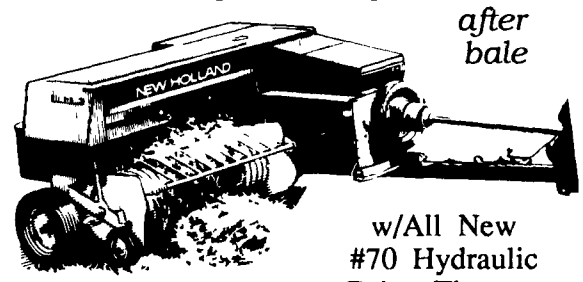


Featuring: **Metalert®** Metal Detector

A Workhorse

N.H. 316 BALER

Reliability... bale after bale after bale



w/All New #70 Hydraulic Drive Thrower

N.H. 553 SKID STEER LOADER

Reach, Speed & Stability

Lookin For A Good Deal? HERE IT IS!

0% FINANCING For 1 Year Or CASH REBATE

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We Buy By The Truckload

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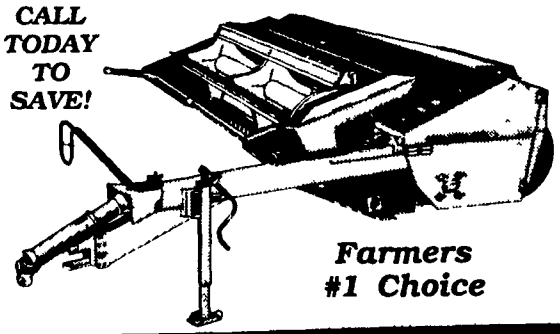
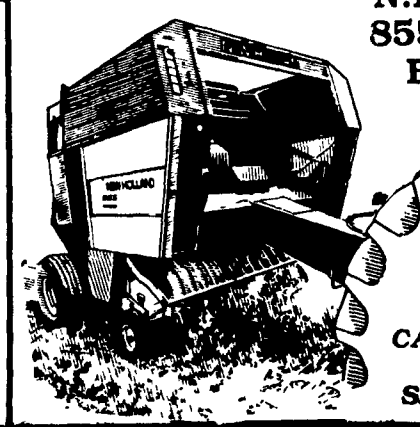


Farmers #1 Choice

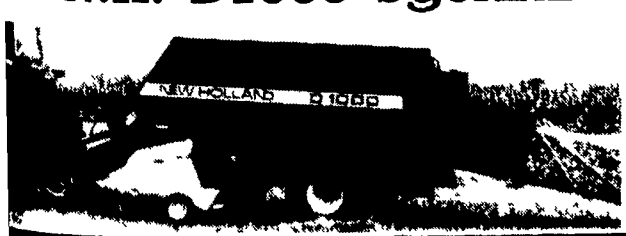
N.H. 848 & 855 ROUND BALERS



You Won't Get A Better Deal On New Holland Round Balers

CALL US FOR YOUR SPECIAL PRICE

N.H. D1000 SQUARE BALER



Big Capacity, High Density Bales, Ideal For Feeding And Trucking

MESSICK FARM EQUIPMENT, INC.

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WARREN SPICKLER — HOME 653-4560

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2 inch and 2½ inch heavy duty, new surplus at a fraction of the original cost. 2,500' lengths coiled on 8' dia. wooden spools. 15 spools available. $1,000. a spool - spool included. or .40 cents ft., 1,000' minimum lengths. Delivered To Your Door. Credit Cards, or Personal Checks OK.

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Mechanicsburg, PA
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A REAL BARGAIN.

NH Model 853 Round Baler

All options.
One owner operator made 363 bales.
Asking $11,000
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Sussex Co., NJ

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8 Used Case Model 1845 Diesels, 1985 & 1986 Models, Approximately 1000 Hours, New Tires, $13,500 Each
2 Case 580 B
2 Case 580 D
Case 580C Loader Backhoes
Case 480B Ex Hoe

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Calf Hutch & Storage Tanks

New Polyethylene Calf hutch, long lasting, lightweight, easy cleaned, 3 year warranty. Also new 300 gal. pickup tank, 25 to 2500 gal. storage and transport tanks.

Call or write for factory to farm prices and literature. In stock 4000' 2" irrigation pipe 65 cents/foot.

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STRALEY FARM SUPPLY

Dover, PA (717) 292-2631

Ford TW15, cab/air, 4WD, front weights, good condition
Ford 8600, good
Ford 2810, 24½ hrs.
Ford 2910, low profile
Ford 3910 w/cab
Ford 2000 w/loader, bucket
AC C w/59" mower
New- no hrs. 2600 Ford w/HD loader, bucket
Gehl forage box, 10T running gear, new wood & floor chain, 12.5L-16SL tires, model BU610
New Ford baler, model 530
Used 7'9" Lely disc mower
New 5'6" Lely disc mower
JD drill 13x7, model FB
Moore no till drill
3 pt.- 4 wheel Lely rake
Several used 5' rotary mowers
Ford 555 Loader Backhoe w/cab, 4WD, torque conv.
Ford 555 Loader Backhoe, cab & torque conv.
Ford 550 Loader Backhoe w/ROPS/torque conv.
IHC 260A Loader Backhoe w/ROPS
Ford 340 loader backhoe, 600 hrs. on tractor loader-demo hoe
Ford 545 loader bucket, good tires, good condition
Coming In... IHC 3414 Loader Backhoe
Dodge dump truck
12 ton used general trailer, good cond.
9 ton Hudson trailer, used
9 ton Eager Beaver w/Bud wheels, good cond.
Trojan Payloader, 2 yard bucket
Used 20 ton Eager Beaver trailer
Used 10 ton Eager Beaver w/tilt bed

Selection Of New Woods Mowers

JUNE IS DAIRY MONTH

Stop in for a glass of Chocolate Milk

Just Traded--Coming In Used Equipment

Artsway Dion Forage Wagon 3 Beater Roof, Zimmerman 10 Ton Gear
NH Model 8 Forage Wagon, 3 Beater, 10 Ton Running Gear
Gehl BU 940 Forage Wagon, 3 Beater Roof w/12 Ton Tandem Running Gear, Very Good Condition
NI 279, 9' Cutditioner, Very Good Condition
Pequea 710, 7' PTO Hay Tedder
Pequea 710 Ground Drive Hay Tedder
NH Model 359 Grinder Mixer w/Electronic Scales, 1000 RPM, 25" Mill, Excellent Condition
Gehl CB300 Forage Harvester, 1R Corn Head
JD 7000 Conservation 4RN Notill Corn Planter w/Monitor
IH Model 800 Early Riser 4RN Corn Planter w/Monitor
Kubota G6200 Hydro 15HP Diesel w/Mower & Catcher
Gehl 3510, 27HP Skid Loader, 425 hrs., Very Good
Weaverline Model 330, 30 Bushel Silage Cart, New Batteries
NI 325-327, 2RN Corn Picker w/12 Roll Bed
NH 273 Baler, Super Sweep w/Thrower
NH 479, 9' Haybine, Nice Condition
McCurdy Gravity Bin w/Gehl 5 Ton Running Gear

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Badger 3350 Gal. Manure Tank. 6 Months Old
~~$7,500~~ NOW $7,200
AC 14 Ft. Forage Wagon
Only $1,150

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BADGER
3,350 gal. liquid manure tank
1,500 gal and 2,300 gal. vacuum tank
210 & 330 Bushel Manure Spreader
Ear Corn Roller Mill w/Blower
Pit Pump
Mower Conditioner
Weaverline Cart
Lagoon Pump
Lagoon Super Mixer
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Post Hole Digger
Badger Snow Blowers

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Ph: 717-299-2536

TRACTORS

JD 4430, cab, air, quad range
Ford 4000

MISCELLANEOUS

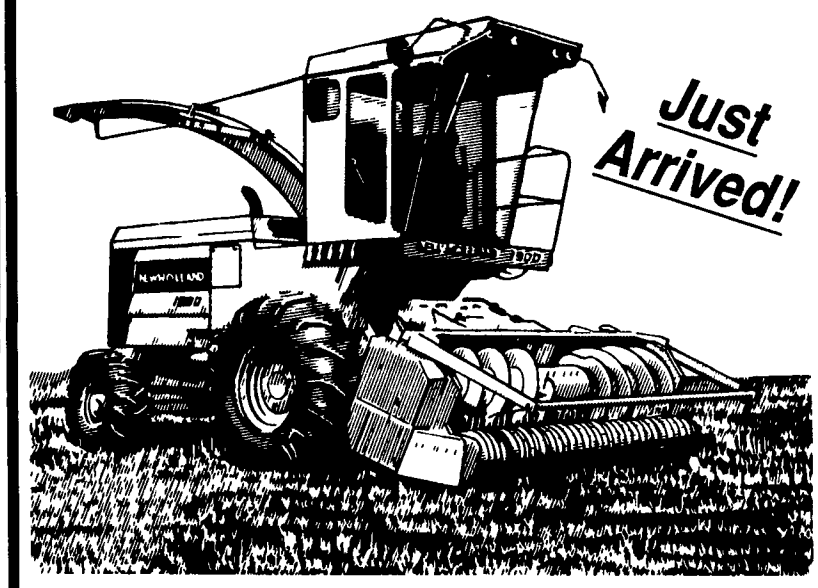
IH 990 haybine
NI 299 mower conditioner
JD 35 Harvester w/2 RW Head
JD F145 4-16 semi plow w/harrow attachment
JD F145 5-16 semi plow
JD RN 4 row cultivator, (4 row wide)
JD 7000 4 row wide, notill, dry fert., insecticide, monitor
JD 7000 6-30 dry fert., insecticide, monitor
JD 7000 8-30 dry fert., insecticide, monitor

COMBINES

1983 JD 8820 Titan combine w/2,642 hrs., power rear, duals w/JD 224 flex cutter bar
1980 JD 8820 combine, 2000 hrs., power rear, duals, JD 220 flex cutter bar
'74 JD 7700 Hydrostatic Drive Combine w/14' Cutter Bar, 643 Corn Head
JD 7720 4WD, 2400 Hrs. 218 Flex Cutter Bar, 643 C.H.
JD 7700 Gear Drive, Rotary Screen, 15' Cutterbar, 1975
JD 653 Row Crop Bean Head
'75 JD 4400 combine w/13' cutter bar
1987 JD 220 flex cutter bar
1987 JD 643 corn head

1986 JD 6620 Titan II Combine, 203 Hrs., 216 Flex Cutter Bar

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464



Let us demonstrate the winner in self-propelled harvesting.

If you custom harvest as well as chop your own forage, a self-propelled harvester like the Model 1900 could help you harvest more crop at peak quality. The fuel-efficient 270-horsepower diesel engine and the 24-inch, 12-knife cutterhead give you high capacity for day in and day out harvesting And an interchangeable crophead system features one auger base feed system that lets you mount either a four- or five-row cornhead or a Super-Sweep windrow pickup

Stop in and let us show you the other features of this Whopper Chopper Or better yet, let's set up a time to demonstrate this harvester in your own field

SHARTLESVILLE FARM SERVICE

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Phone: (215) 488-1025

Ford FORD NEW HOLLAND

USED EQUIPMENT

Stock #	
	USED HAY & FORAGE
UB0034	NH 495 (12 ft) Haybine w/Lat. Trans
UB0185	NH 495 (12 ft) Haybine w/Lat. Trans.
	NH 1495 Haybine, Hydro, Cab, 675 Hours
	NH 278 Baler w/Thrower
UB0193	NH 320 Baler w/70 Thrower
UB0197	NH 469 (9 ft) Haybine (As Is)
UB0177	NH 479 (9 ft) Haybine (As Is)
	NH 479 9 Ft. Haybine w/New Rolls-Call For Price
UB0205	NH 770 Harvester w/New Knives w/2 Row 30" Head & 717 W Pickup Head
UB0211	NH 890 Harvester w/880 W Pickup & 2 Row 30" Head
UN0218	JD 35 Harvester w/Hay Pickup (As Is)
UB0173	NH S717 Harvester w/Row Head & 717W Pickup Head
UB0222	NH 27 Forage Blower
UB0195	Gehl 99 Forage Blower (Less PTO Shaft) (As Is)
UA0040	NH 880R-2 2 Row Wide Head
UB0213	NH 880 N-2 2 Row Narrow Head
UA0030	NH 717R 1 Row Corn Head
	MANURE SPREADERS
UC0061	NI 244 (325 Bu.) Manure Spreader w/Hyd Gate
UC0062	NI 245 (375 Bu.) Manure Spreader w/Hyd Gate
UC1000	NI 213 (176 Bu.) Manure Spreader w/ Single Beater
UC0047	NH 667 Tank Spreader RH
	UNI EQUIPMENT
UA0012	NI 760 Uni Harvester (As Is)
UA0055	NI 766 Uni Pickup
UA0066	NI 766 Uni Pickup
UA0011	NI 766 Uni Pickup
UA0056	NI 763 Uni Corn Head (3 Row 30")
UA0013	NI 762 Uni Corn Head (2 Row 38")
	MISC. EQUIPMENT
UC0055	NH L778 Skid Loader w/(New Engine)
UA3000	MF 13 ft. Grain Head Fits 300
UA0042	MF 322 Corn Head (3 Row Wide)
UA0043	
UA0044	2 MF 24 Corn Head (2 Row Wide)
UA1111	MF 222 Corn Head (2 Row Wide)
UA0010	MF 300 Combine w/Cab (Needs Motor Work)
	AC 7020 Tractor w/Power Shift, Approx 1500 Hours
	COMING IN...
	NH 1469 Self Propelled Haybine, Nice

Good Used Farm Equipment

JD 346 baler, no thrower.....$3,250
JD 336 baler, no thrower.....$2,950
NH 489 haybine, 3 years old.....$4,650
Kools KB-2000 re-cutter, 1000 RPMS$2,300
IH 990 haybine, real nice.....$1,750
NH 489 haybine, SOLD 1 season.....$5,950
Pequea 7' PTO tedder, NEW.....$1,275

Can Deliver - Will Trade
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USED EQUIPMENT

TRACTORS

JD 3020	Coming In
Ford 1210 Hydro w/60" Mower	$ 7,900
JD 4440 w/Cab & FWD	$24,000
JD 4630 w/duals, PS, engine overhauled	$15,000
Ford 841 w/Loader	Coming In
Ford 3000, reconditioned	$ 4,500
Ford 2000	$ 3,900
MF 165 Dsl.	$ 4,900
Long U455 Dsl	$ 4,500
Oliver 1855	$ 5,500
Ferguson 20 w/Woods Belly Mower	$ 3,200
AC WD Tractor w/Loader	$ 1,500

COMBINES

JD 6620 Side Hill w/215 Flex & 643 Corn Head	$35,500
NI 801 Dsl. w/4WD 6R Head & 13' Platform	Coming In
JD 6620 Side Hill 215 Flex, Reconditioned	$46,000
JD 444 Corn Head	$ 4,500
JD 443 Corn Head	$ 5,500
JD QT 16' Head	$ 2,200

PLANTERS

JD 8200 18x7 Drill	$ 3,500
JD 7000, 4RW	$ 2,800
(4) JD 6R Consv Liquid	Starting at $ 7,500
JD 1240	$ 1,800
(2) IH 4R, 56 Planter	Starting at $ 1,000

TILLAGE

JD 335 Disk (Demo) 25'	$15,500
JD 315, 12' Disk	$ 3,500
JD 1710A Mulch Tiller	$ 3,200
JD 950, 12' Roller Harrow	$ 3,500
JD 145, 4-14 Semi Plow	$ 790

Assortment of JD & Ford 2-3 Bottom Plows

HAY & HARVESTING

JD 54 Manure Spreader	$ 1,800
MF Pull PT Type Sickle Mower	
JD 336 Baler	$ 4,500
JD 14T Baler	$ 1,200
NH 276 Baler w/Thrower	$ 4,500
JD 894 Rake	$ 500
JD 894 Rake	$ 700
IH 720 Harvester w/2 Heads	$ 2,900
NH 880 Harvester w/2R Head	$ 3,500
JD 40 Spreader	$ 1,600
Ford 943, 6' Rotary Cutter	$ 700

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NH 1010 stack wagon **$2,500**
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MF 540 Diesel, 13' Head, 1,900 Hrs., $8,750
With 43 Corn Head $10,850

FOR SALE

MF 1143 corn head
MF 43 corn head
JD AW disc
Plow down attachment for liquid spreader
MF 540 combine
MF 540 combine, 480 hrs., w/flex head & 1143 corn head
MF 260 harvester w/3 row narrow & pick-up head
Oliver 3 btm. plow
IH 10 tooth chisel plow
IH 510, 24 run grain drill
IH 830 forage harvester
IH 720 forage harvester
15' bat wing rotary mower
NH pickup head
AC field cultivator
10' cultimulcher
IH 1066
IH 766
IH Hydro 84 w/2250 loader
JD 4240, PS, cab & air
JD 4020
MF 285
MF 275
MF 236 quick tach w/loader
Ford 2000 offset
Oliver 1655
Oliver 60 w/cultivators

L & M BURKHOLDER
Ephrata, PA
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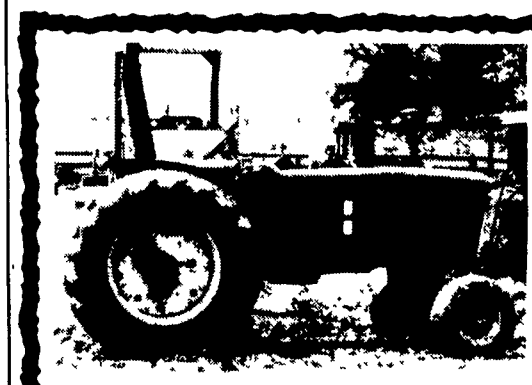

J.D. 4020 Diesel
WFE, PS, outlets
$4,500
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JD 5020 w/Cab
JD 4020 P. Shift
JD 4440, 4 SOLD cab & air
JD 4240 PS, cab & air
JD 4020, F SOLD de console
JD 4230, 1977, quad
JD 4430 4 post, quad
JD 4430, PS, cab & air
JD 1020 w/JD Loader
Ford 7700 Cab & Air
Ford 7000, dual power w/cab
Ford 6600, dual power
Ford 5000 Dsl., 10 sp, nice
Ford 4000 Gas, 8 sp.
Ford 4000 Dsl., 8 sp.
Ford 3000 Dsl. w/ldr.
Ford 3600 Dsl., nice
Ford 420 Ind. Dsl. w/Ldr. Torque Converter Trans.

USED HARVESTER HEADS

JD 5½' Hay w/Clutch
NH 770W Hay
NH 717W Hay
NH 880 N3 Corn
JD 2RW Corn
Gehl TR3038 Corn
NH 717 N2 Corn
Gehl HA600 Hay

PICKERS

NI 325, 2RN 12 Roll Bed
NI 323, 1 R
NI #10, Original

MISCELLANEOUS

MF 92 SP Combine w/12' G.H.
JD 148 All Hydraulic Loader

USED TILLAGE

White 5400, 4R Planter
White 618 AR plow
Oliver 516 Auto Reset
Ford 151, 5x18 AR plow
White 252, 12' Disk
Kewanee 16' Hyd. Fold Disk
Bush Hog 1438, 12' Disk
IH #10 Drill, 14 Disk
IH 510, 3-16 Plow
IH700, 5-16 AR Plow

USED HAY EQUIPMENT

NH 315 Baler w/Thrower
NH 845 Small Round Baler
NH 847 Auto Wrap
NH 56 Rake, like new
NH 55 Rake, excellent
NH 488 H SOLD e
NH 479 Haybine
NH 478 H SOLD e
NH 477 Haybine

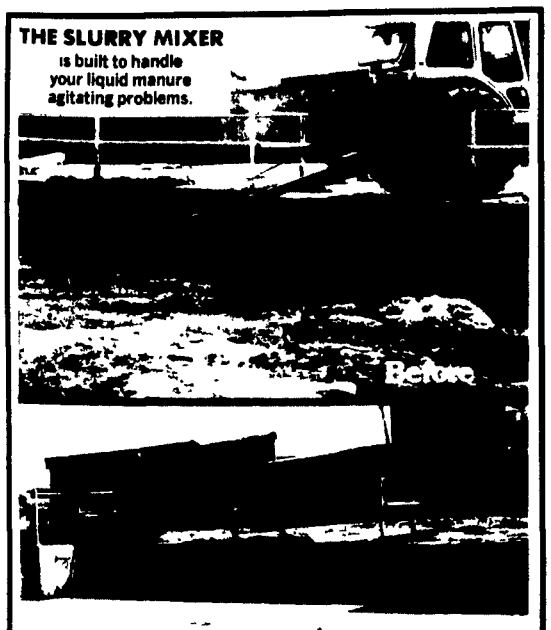
USED FORAGE EQUIPMENT

JD 3940, 2RN & PU
NH 1880 SP Harvester, Cat Dsl., Low Hrs.
NH 892 w/Both Heads
Gehl CB600 w/Both Heads
Gehl 940 3 beater w/roof
Lamco 2 beater w/roof, new gear

SPREADERS

NI 218 Spreader w/Gate
NH 680 Spreader w/Gate

THE SLURRY MIXER
is built to handle your liquid manure agitating problems.



This 3 point hitch Slurry Mixer's large 22" propellor produces a strong undercurrent that moves liquids, floating chunks of crust, weeds, bedding and dried manure into the propellor that chops, mixes and blends your manure into an even liquid Slurry

Priced at $2,285

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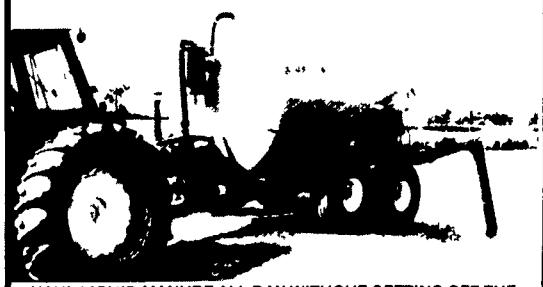
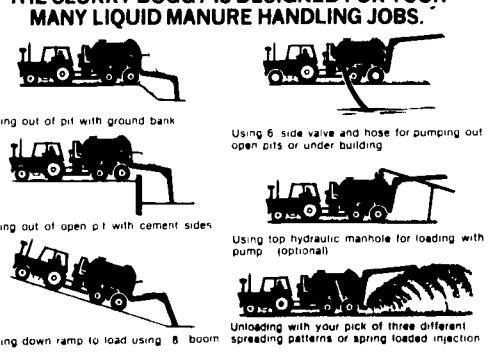
EPHRATA LANCASTER COUNTY PA 17522
PHONE (717) 859-4869

THE 2900
SLURRY BUGGY



HAUL LIQUID MANURE ALL DAY WITHOUT GETTING OFF THE TRACTOR SEAT USING THE SLURRY BUGGY EASY LOADER
THE SLURRY BUGGY IS DESIGNED FOR YOUR MANY LIQUID MANURE HANDLING JOBS.


Loading out of pit with ground bank
Using 6 side valve and hose for pumping out open pits or under building
Loading out of open pit with cement sides
Using top hydraulic manhole for loading with pump (optional)
Backing down ramp to load using 8' boom
Unloading with your pick of three different spreading patterns or spring loaded injection

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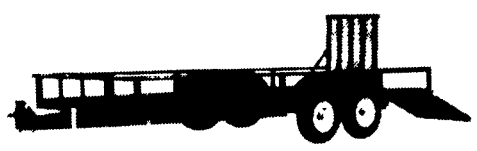
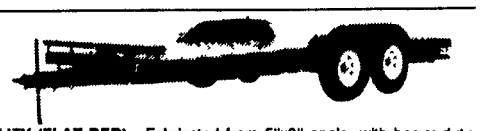


UTILITY - Fabricated with rectangular tubing and angle, these trailers are available in most sizes to meet all your hauling requirements
AVAILABLE SIZES: LENGTH. 12 to 20 feet
WIDTH: 76 to 81 inches
GVW: 7000-12,000 lbs TIRES: 700-15 LT



UTILITY (FLAT BED) - Fabricated from 5"x3" angle, with heavy duty wrap-around tongue 2-5/16" coupler, and self storing 80" long ramps.
AVAILABLE SIZES LENGTH 14 to 18 feet
WIDTH 76 to 81 inches
GVW 8000 lbs TIRES: 700-15 LT

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- Field Cultivators
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50 Different Models Available
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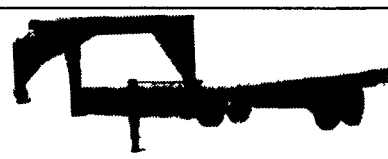
CONSTRUCTION (LOW DECK) - Fabricated from 6"x3½" angle, 3" channel crossmembers, 5" channel heavy duty wrap-around tongue with four position adjustable hitch, diamond plate fenders, and 56" long attached ramps
AVAILABLE IN DROP-AXLE
AVAILABLE SIZES: 6'4" WIDE x 16' LONG & 81" WIDE x 18' LONG
GVW: 8000-12,000 lbs. TIRES. 750-16



GOOSENECK TRAILERS - Gooseneck feature is available on Flat Bed Deck-Over Models and on Utility Models with tubular side rails. All models have adjustable top crank couplers welded to heavy duty 8" channel frames. Top decks are standard on Deck-Over Models
AVAILABLE SIZES: LENGTH. 18 to 28 feet
WIDTH: 76 to 96 inches
GVW: 12,000-18,000 lbs. TIRES: 750-16 LT

CONSTRUCTION (DECK-OVER) - Fabricated with 8" channel main frame, with 4" and 5" channel crossmembers. All sizes have 4 foot dovetail and heavy duty 56" long attached ramps, four position pintle hook, stake pockets, rubrail and drop-leg jack
AVAILABLE SIZES: LENGTH: 18 to 24 feet WIDTH 8 feet
GVW: 12,000-20,000 lbs.
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Case IH 1494-4WD-Cab-75 H P
Case IH 1896-4WD-Cab-95 H P
Case IH 2096-2WD-Cab-115 H P
Case IH 1190 Mower Conditioner
Case IH 8530 Square Baler
Case IH 600 Forage Blower
Case IH 2250 Loader
Case IH 5500 Chisel-7' & 9'
Case 1825 Uniloader
Case 1835 Uniloader
Gehl 1540 Forage Blower
Gehl 1560 Forage Blower
Gehl 1580 Forage Blower
Gehl 2160 Mower Conditioner
Gehl 2170 Mower Conditioner
Gehl 318 Wheel Rake-18'
Gehl 750 Forage Harvester
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Gehl 2RN Row Crop
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Miscellaneous

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JD 750 Grinder Mixer
JD 7000 6RN Planter
IH 370 Disk Harrow 12'
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JD 750, 4WD
JD 850, 4WD
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JD 900 HC

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JD 710 Mulch Tiller, 6'3"
JD 415 Rotary Hoe
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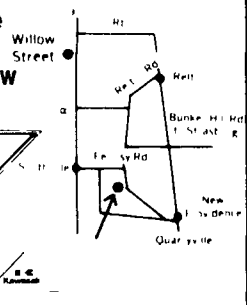

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GRS24T 10 ft. Pull Type Rake-Tedder	$2,295	$1,925
GRS25N 11 ft. 6 in. Pull Type Rake-Tedder (Demo)	$3,795	$2,800
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FC 250 8 ft. 2 in. Mower-Conditioner w/Gyro Hitch	$11,795	$9,500

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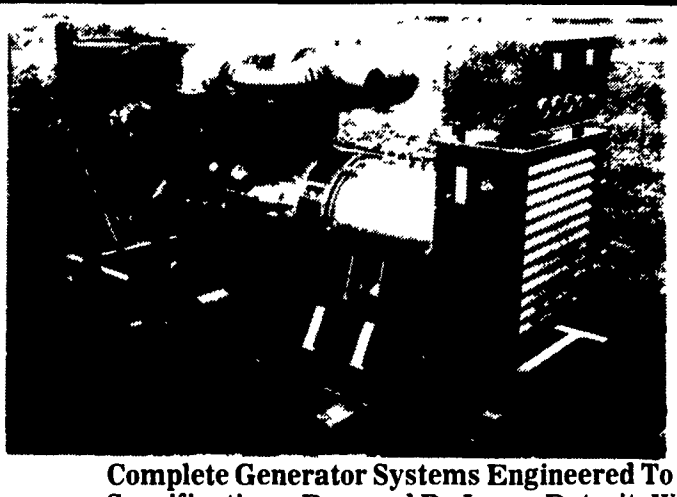

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Capacity: 40,000 lbs. at 50 MPH
Trailer Weight: 7,050 lbs
Overall Length: 27'6"
Overall Width 96"
Deck Length: 22'
Deck Width: 96"
Deck Height: 37"

9 TON HEAVY DUTY BRAKES 9HDB

Capacity. 18,000 lbs at 60 MPH
Trailer Weight, 5,550 lbs
Overall Length 27'6"
Overall Width 96"
Deck Length: 22'
Deck Width 96"
Deck Height 33½"
Tires (8) 8 75x16.5(E)

EAGER BEAVER B9DOW 9 TON DECK-OVER-WHEELS/ DISC WHEELS - BUDD WHEELS

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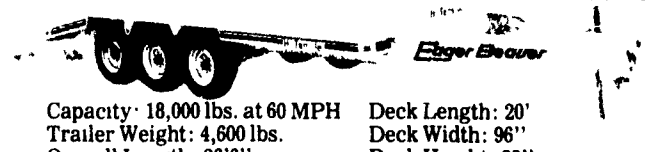

Capacity: 18,000 lbs. at 60 MPH
Trailer Weight: 4,600 lbs.
Overall Length: 26'6"
Overall Width: 96"
Deck Length: 20'
Deck Width: 96"
Deck Height: 33"
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New Ford 150 Mtd. Moldboard Plow
New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow
New Ford 208, 12' Field Cultivator
New Glencoe 12'9" Finishing Harrow
New Glencoe Soil Saver Stretch 7 Shank
New Glencoe Soil Saver 5 Shank
New NI 406 Rake
Used IH 430 Baler w/ Thrower
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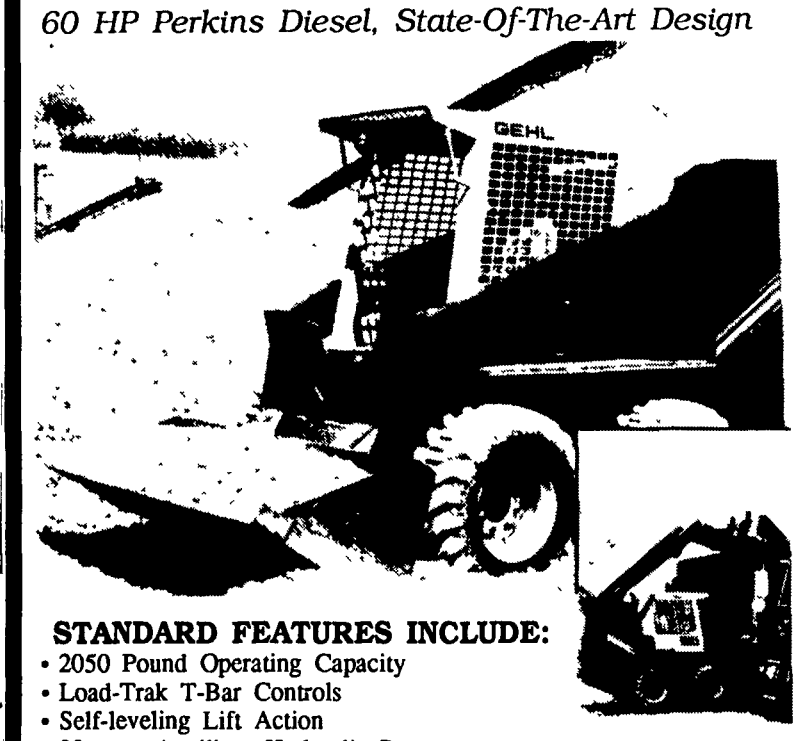

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65" Wide

44 HP Diesel Powered Hydrostatic Drive, 10.00x16.5 Flotation Lug Tires, Factory Fresh, Just Arrived!
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Richardton Mfg. Company Introduces The

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Many area farmers are quickly realizing the potential danger and liability of transporting forage with conventional tractor-drawn wagons. Consider the RICHARDTON Dump Wagon/farm truck approach.

* Increased speed from field to barn
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* Equipment cost/amt. of forage handled is less than conventional systems

Replace three or more forage boxes with one RICHARDTON Dump

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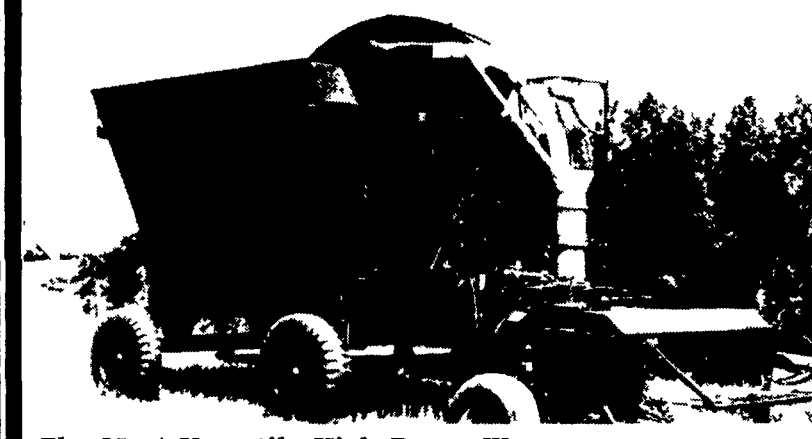

The Most Versatile High Dump Wagon

Thousands of farmers can't be wrong Many farmers still operate the Richardton High Dump Wagon they bought nearly 15 years ago. They say they'll buy a new one if the old one wears out. Other farmers own two or three Richardton Wagons and use them crop after crop, season after season Ask the man who owns one

You May Think They Are Higher Priced Than Forage Boxes — But You May Be Surprised!

SPECIFICATIONS & FEATURES

Capacity with roof	750 c.f.
Capacity-less roof	550 c.f.
Lift cylinder payload capacity	20,000 lbs. @ 2,000 PSI
Running gear payload capacity	24,000 lbs.
Tires	11:00x20
Wheels - drop center	8"x20"
Wheel tread - std	120" (109" Opt.)
Dumping clearance	10'9"
Auger clearance height	9'10"
Lip clearance	13¾" (18¾" using hole offset 5" in bolster)
Length of box	12'
Ground clearance	15"
Dump angle	45°
Lift cylinders (2½" shafts)	4"
Unassembled height	8'6"
Shipping weight (approx.)	6,200 lbs
Length overall less hitch	13'2"
Warranty	1 year
Left hand dump-standard (converts to right hand dump)	

IN STOCK

Model 124R 12' 550 Cu. Ft. **$6,850**
Model 700 12' 750 Cu. Ft. **$8,350**

Extendable Tongue $250 Extra

RICHARDTON

Stationary Conveyor Box

BIG CAPACITY 10 x 16 x 32 conveyor box holds an average load allowing your truck to return to the field for another load The Richardton Model 1016 Conveyor Box automatically and evenly feeds into the blower

HYDRAULICALLY DRIVEN For smooth trou blefree operation

MINIMUM MAINTENANCE Pintle chains and chain drive are used throughout the drive assembly

SAFETY Stop the conveyor from any position by pulling the safety rope that runs the length of the front and the sides of the conveyor box

EASY TO MOVE Equipped with two-wheel axle tongue and jack

RUGGED CONSTRUCTION Built into every Richardton product

VARIABLE SPEED DRIVE Move the load forward to the beaters fast and then slow it down to feed your blower at just the right speed

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IF YOU WANT QUALITY, CONSIDER CASE IH MACHINERY FROM BINKLEY & HURST BROS., INC. "YOUR DEALER"

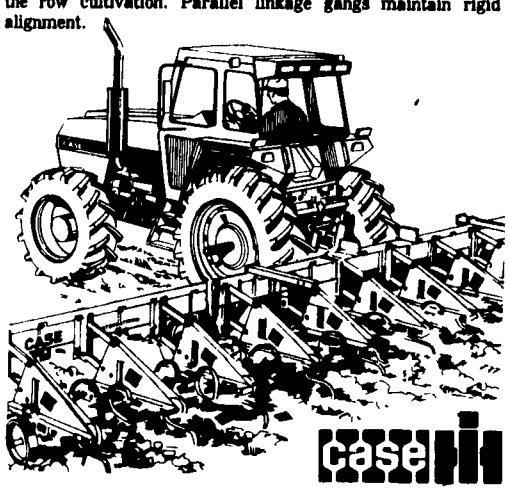
Need A One Row Cultivating Tractor?
HERE IT IS!
SMOOTH SHIFTING DIESEL POWER 265 OFFSET TRACTOR

In Stock, Ready For Your Vegetable Farm.
Also Think About A Tax Deductible Lease Plan And Let Your Tax $ $ Pay For It!
Stop In & Drive It NOW!

Aerate That Hard Rain Packed Soil With This Vibra Tine Row Crop Cultivator

DISCOUNT PRICES ON
NEW High-Speed Row Runner Case International 183 Row Crop Cultivator

You can't beat the 183 for efficient, high-speed cultivation. With Vibra® tine tooling, you'll get aggressive weeding and close-to-the row cultivation. Parallel linkage gangs maintain rigid alignment.



6 ROW - With Approx. 28" to 30" Row Spacing, 5"x7" Frame, Storage And Parking Stand, Gang Gauge Wheels, 4"x12" Smooth Semi Pneumatic Tires, 1 Rolling Gude Coulter

ALSO: New 4-Row In Stock!

Get A Super Deal On A New CASE IH 2096 TRACTOR
Cummins Powered, 115 H.P., Cab, Air, Heater
(NC 1028)
List Price Over $50,563
SPECIAL DISCOUNT SALE - Cash Or Lease Price Only
$30,850
Our Loss Is Your Gain, Don't Miss This One!

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NEW 8 HP HYDROSTATIC DRIVE CASE IH DIESEL MODEL 235 ALL WHEEL DRIVE TRACTOR
With This New 60" Cut
SHAFT DRIVEN MOWER

Tractor Equipped With Large Flotation Turf Tires, 3 Pt. Hitch, PTO, Foldable ROPS, Horn, Hi-Lo Beam Headlights.

New Rental - Demo CASE 1825 GAS UNILOADER - 25 H.P.

- 4 Cyl. Engine Water Cooled For More Quality
- 5.70x15 - 4 PR Chevron Tires
- 44" Utility Bucket

TILT ROPS
Tilts forward with gas-strut assist to provide unobstructed access to engine, hydraulic hoses, pumps and motors for fast, easy servicing.

One Only!
Don't Miss This New Rental Special!

$8,980 CASH OR LEASE FOR $206/mo.

CASE IH 685
w/Cab, 62 HP, 540/1000 PTO, 18.1 GPM Hyd. Pump, Dual Remotes -

16.9x30 (NC 1790)

CASH $19,995 OR LEASE

MODEL 8420 ROUND BALER
39x54 Inch Bale Size For Easier Handling, Bale-Full Alert, Aggressive Starter Roll For Fast Starts

ALSO: Model 3640 Round Baler
Call Now For Quick Delivery!

Why Not Try A QUALITY CASE RAKE or 3 PT. SICKLE MOWER?
Also: (1) New 7'10" Disc Mower In Stock

96 Parallel Bar Rake, Ground Driven

86 Parallel Bar Economy Rake

1300 Balanced-Head Mounted Mower
- 7' & 9' Mowers Hydraulic Drive

CASE IH 50 & 60 SHREDDERS

WHY NOT OWN A TWO SEASON MACHINE...
Make It A Summertime Mowing Machine & In The Fall Use It To Get Rid Of Crop Residue In A Hurry!

Use a Case International shredder to fine-shread heavy, tough cotton, corn or sorghum stalks to speed decomposition, ease your tillage, planting and cultivating work. They're also useful for clipping pastures, shredding weeds, tall grass, or brush. And they actually require less power to operate because knives are spiral-mounted around the rotor.
- 2 sizes, 150" and 170" wide.
- Shatter-shear type knives can be reversed to match the job; blunt edge shatters stalks completely.
- Wheels easily adjust up or down for cutting height, in and out to match row spacings; endwise transport for 170" model.
- Safety features: full shielded drives, gear case, extended end sheets; front-mounted curtain.

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FOR SALE - REDUCED

JD 2800 5 btm. plow, on the go variable width, ~~$6,400~~ $5,600

5 shank 12' sheer bolt sub soiler w/coulters (can be used in row crops), like new, $3,200

Liquid fertilizer side dresser, 6x30" rows w/Side Hill hitch, $900

Snyder Co.

717-837-0724

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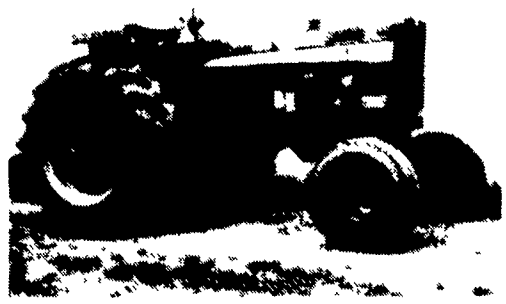

IH 856

Good TA, 3 Pt. Dual Hyd, Solid Tractor, In Use

$5,800

- Also -

JD "R" Diesel, PTO $2,500
IH 1066, cab, dual PTO $5,900
IH 1486, cab, wts, duals $9,500
JD 1650, new, dual hyd $13,500

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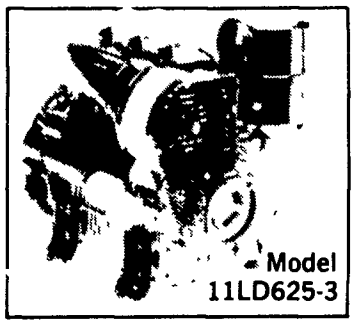
The Farmer's Choice

MOWERS, BALERS, CORNPICKERS, CHOPPERS, ETC.



LOMBARDINI DIESEL USES ½ OR LESS FUEL THAN GAS ENGINES
LESS DOWNTIME THAN GAS ENGINES

Is your old engine giving you a headache? Try a LOMBARDINI ..World's Largest Manufacturer of Small Air-Cooled Diesel Engines.

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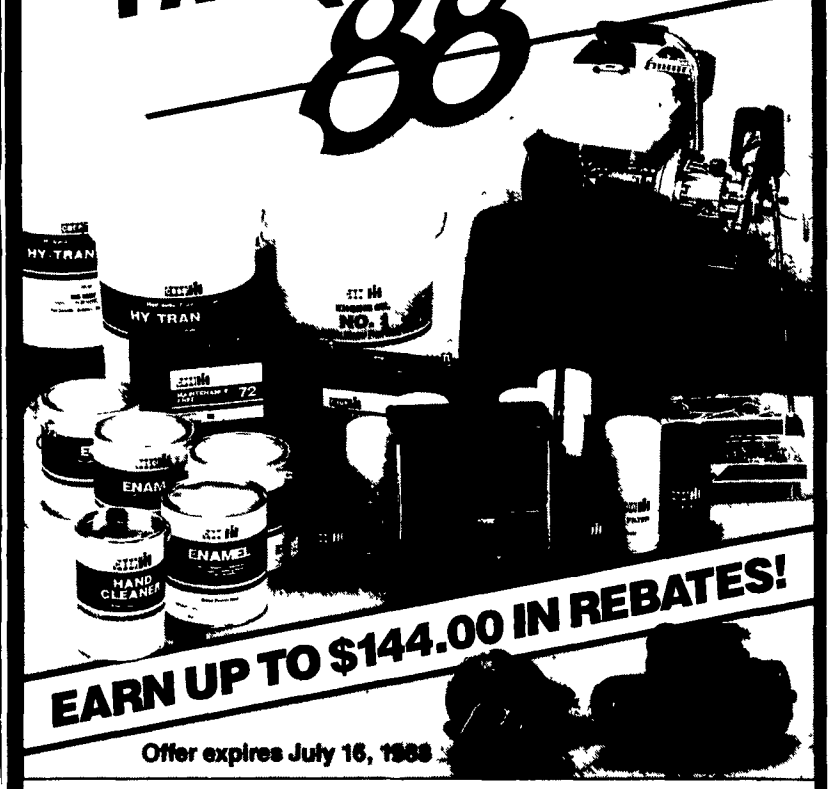
DEALER INQUIRIES INVITED

Zimmerman's Farm Service OFFERS YOU

PARTS PAYBACK '88



EARN UP TO $144.00 IN REBATES!

Offer expires July 16, 1988

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½ Mile West Off Rt. 501 On School Road, Bethel, PA
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case IH

IDEAL FOR SMALL GRAIN AND EAR CORN

High Performance Gravity Flow GRAIN & FERTILIZER BOXES

at Discount Prices

McCurdy Box features:

- Durable and dependable
- Heavy gauge steel construction
- Quality wheel operated door

SIZES IN STOCK

- 190 BIN
- 230 BIN
- 275 BIN
- 375 BIN

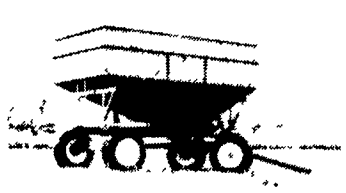
Options Available:

- 12", 15", 20" Sides
- Ladder
- Canvas Cover

GO WITH THE #1...

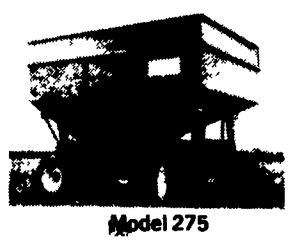
McCurdy
the Old Reliable

- Before You Buy, Check With Us
- Most Sizes In Stock For Quick Service & Availability
- We Sell In Volume.

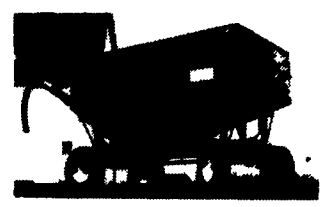


Model 190

Model 230



Model 275

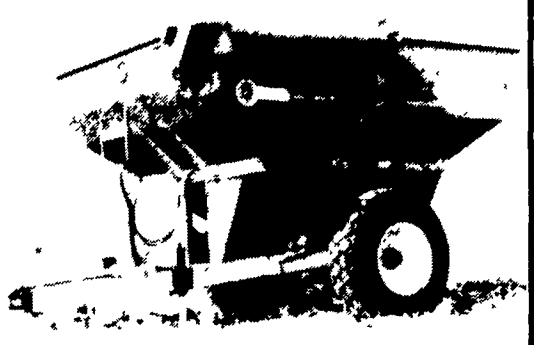


Model 375
Double Door Side Dump

Grain boxes help make your material handling chores easier with convenient transport and fast unloading of grain or other free-flowing materials

UNVERFERTH
HEAVY DUTY GRAIN CARTS

In Stock Now At
BINKLEY & HURST BROS., INC.
CALL (717) 626-4705



Capacites: Choose The 475 Bushel GC4900 or the 600 bushel GC 6400

Compare These Features:

In Stock: MODEL GC 4900
475 Bu. w/18.4x26 10 Ply Tires
List Price Over ~~$7,750~~

CALL FOR PRICE

Grind and blend wood bark and chips into landscape mulch

- High capacity 40" heavy duty rotor
- Long lasting cleated belt undermill conveyor
- Discharge material up to 16½' with 22' quick-folding elevator
- Electronic governor for higher output

Also Grinds bales of hay and bedding materials for your farm operation.

We Are Your Dealer - Stop in Now!

PULL TYPE 20' PASTURE FEEDER WITH STEERABLE FRONT AXLE

6' Wide x 12" Deep With 13½" Side Openings

~~$1,380~~

Special Offer

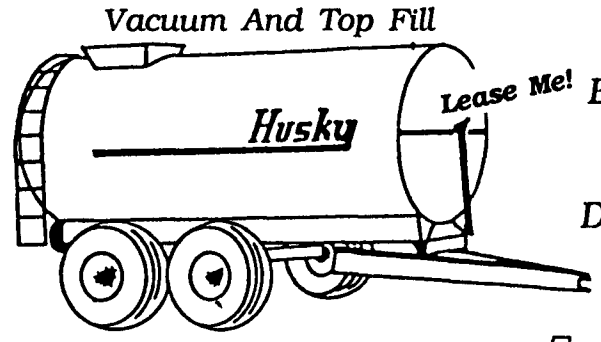
$1,280

F.O.B. Our Lot

Come & Tow Away!

HUSKY LIQUID MANURE PUMPS AND SPREADERS

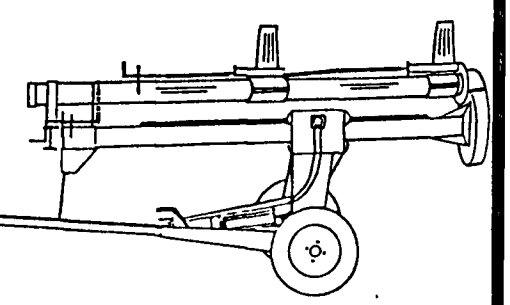
Vacuum And Top Fill



Husky Equipment That Is Dependable!

Husky Dealer Of Quality Equipment

CALL US NOW AND PLACE YOUR ORDER



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CHECK OUT OUR NEW ADDITIONS! "Don't Overlook Them!"

NEW & USED SPECIALS

- Come & See Our New Shipment Of Post Hole Diggers Economy & Heavy Duty Models
- IH 720 Forage Harvester with Electric Spout & Cap Control, 1000 PTO With 2 Row 36" Corn Head, Clean Straight Machine. $3,000
- New 3 Pt Hydraulic Dump Cement Mixers That Do More, You Can Use This Mixer For Mixing Feed, Fertilizer, Innoculate Seed And Silage/Soil Etc $595
- Slightly Used IH 510 Grain Drill 18x7 With Fertilizer, Double Disk Openers, Grass Seed Attachment, Dual Rib Tires, Paint & Condition Excellent. . . . . Only $3,250
- John Deere Model 110 12 Foot Transport Disk Harrow (UM1321) . . . . Stop In And Make Your Deal!
- Used McCurdy 12 Ton Tandem Axle Wagons With Extendable Hitch, Long Coupling Pole, 12 5x15 10 Ply Tires (UM1324) (UM1325) . . . . Like New For Only $1,595
- New Transport Heavy Duty Grain Augers, PTO Driven, In Stock Sizes 8"x46', 8"x53', 8"x60', 8"x65', 10"x61'
- New Rhino 8 Foot 3 Pt. Scraper Blade Model LR, Weight 420 Lbs, Only 2 Left At . . $525 each
- Bush Hog "New" 3 Pt. 50" Tillers, Designed For Up To 50 HP . . . . Discount Sale Price Only $1,050
- New Rhino Model 950 Rear Scraper Blade w/Hydraulics, 3 Pt. With 9 Foot Moldboard, Heavy Duty
- CTI Industrial Pallet Forks To Convert Your Loader Bucket Into A Pallet Fork Without Removing Bucket, Designed For Up To 2500 Lbs. (No.3173) . . . . Sale Price Only $640
- Pacer 3 Pt. 8 Foot LS72 Landscraper Box $770
- Southeast 3 Pt. Box Scraper 7 Foot (No. 2107) $577
- New WorkSaver 3Pt. 12" Post Hole Digger With Cutter Teeth $551
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- New Case IH 11½ Ft. Pull Type Vibrashank Field Cultivator $2,045
- New Case IH 10½ Ft. 3 Pt. Vibrashank Field Cultivator . . . . Only $1,735
- New 3 Pt. 6 Row Danish Tine Row Crop Cultivator (NC1629) . . . . Special Only $2,260
- Meyer Aluminized 500 Series 18' Forage Box w/3 Beater & Roof (No 3283) $5,190
- New 14 and 16 Foot Heavy Duty Economy Priced Trailers, 76" Inside Fenders, Stakepockets, Specifications The Way You Like Them . . . . In Stock
- Good Used New Idea 514 Hydro Swing 14 Foot Mower Conditioner, Just Traded $7,650
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- Husky Top Fill Slurry Manure Spreader With Lid, Single Axle $1,690
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- M&W V-Chisel, 3 Shank w/Wheels, Auto Reset, 36" Shank, Subsoiler, Demo In Stock. $3,450
- New Dunham Culti-Packers, 14 Foot Models, With And Without Transport Kits In Stock!
- New Rhino 5 Shank Coulter Chisel w/Hydraulic Raised Coulters, 6'8" Width, Only A Few Left . . . . Special Tow-Away Offer While They Last $3,850
- Unverferth-McCurdy Implements For Efficient Farming: Gravity Bins w/Fertilizer Auger Attachment And Truck Auger Attachment, Single And Tandem Axle Running Gears, Dual Wheels And Hardware, Rolling Harrow, Harogator® Attachments, Combine Header, Transports, Soil Conditioner
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- New Case IH 420 2 Bottom Spring Trip Plow With Trash Plates, Heavy Duty $1,160
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- New Micro Scales to Fit Gehl Grinder Mixer Models 100/125/135/170 Mills . . . . Special $2,290
- IH 710 Plow, 6 Bottom, 16" Auto-Reset, Coulters and Trash Covers, Good Point $3,995
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- Pettibone 88 Extendo Boom, 42' Lift Forklift With GM Diesel, Lift Approx 8000 Lbs., All Wheel Drive, 1982 Model, Excellent Cond. $33,900

Come And Make Your Deal Now!

NOTE: Lease With Buy Out Option And Reserve Your Cash!

THEY ARE HERE!

AT EARLY ORDER DISCOUNT PRICES!

BUSH HOG®
FLEX-WING Rotary Cutters

Rated for 50 to 75 minimum tractor HP

for close cutting on uneven terrain — big farm acreages, orchards and highway embankments

BUSH HOG 2615 SERIES ROTARY CUTTERS 15' CUTTING WIDTH

GRIMM BRINGS TOTAL LEAF CONSERVATION TO YOUR HAYMAKING OPERATION

Grimm is the pioneer and leading **American-made** Leaf Saver Tedder and the only **American-made** Rotary Head Tedder and Tedder/Rake. This is a big advantage if *repair parts* are needed. **Grimm dealers carry most parts or can get them *overnight from our Vermont factory.***

SAVE VALUABLE PROTEIN-RICH LEAVES

Model Super "C" Leaf Saver Tedder

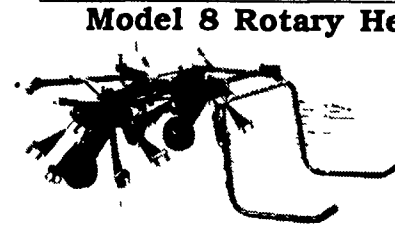
SPECIFICATIONS:
Tedding Width 8', Overall Width 10'6"
Net Weight - 680 lbs. 540 P.T.O.

This 8 ft. wide, PTO-driven model picks up all the hay to a three or four foot height and deposits it in a loose, fluffy condition of faster aeration and great penetration of the sun's warming and drying rays. The design and operation of the Model "C" has the unique advantage vs rotary-type tedders of not beating the leaves off alfalfa and clover.

PTO-driven jack shaft, drives the reel thru a V-belt which absorbs shocks and prevents damage to machine should tines strike an obstruction. Super "C" can be hitched to any tractor having a 540 rpm PTO and 1 3/8" six-spline shaft. Four horizontal bars each with 16 or 18 tines (alternately) are angled to pick up and release hay thru means of planetary gears revolving around a center "sun" gear. These machines are built to last.

2 MACHINES IN ONE: TEDDER AND RAKE

Model 8 Rotary Head Tedder/Rake



SPECIFICATIONS:
Tedding Width 94" Weight - 545 lbs.
2 - 13" O.D. Rubber Tires with Tubes 540 P.T.O

This one machine does two jobs-teds hay with basket lifted, or rakes into fluffy windrow with basket lowered. Two rotary heads each with 6 arms equipped with two spring tines, turn in opposite directions to sweep hay sideways then thru center and spread out behind in a wide loose swath or in a fluffy windrow. PTO shaft drives both rotors thru heavy-duty V-belts (which carry a three year warranty). There are no gears, gear boxes or chains to break or wear out. Belts absorb any shock to protect mechanism should tines hit a stone or foreign object. Swivel wheels directly below each rotary head provide positive clearance. Adjusting angle of tines is quick and easy by use of a hand crank. All bearings are precision ball or roller-type with grease fittings to provide a long trouble free service life.

Repairs and wear are negligible. In fact, many of the original models are still giving good service to their owners.

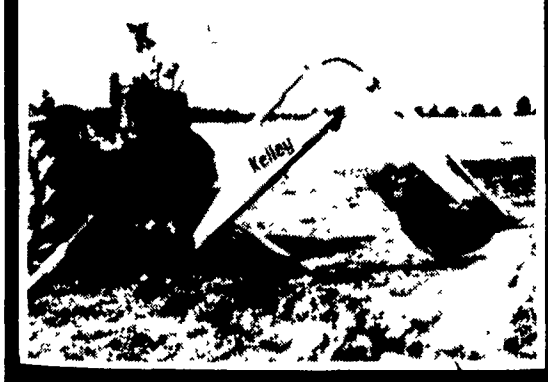
(3) MODEL 510 IH 18x7

Priced To Sell!

Take Your Pick From Three Good Grain Drills

In Stock Now!

Kelley POWER-PACKED BACKHOES



THE HEAVY DUTY GRAIN MOVERS ARE HERE!

Factory Direct Prices - Buy From Us!

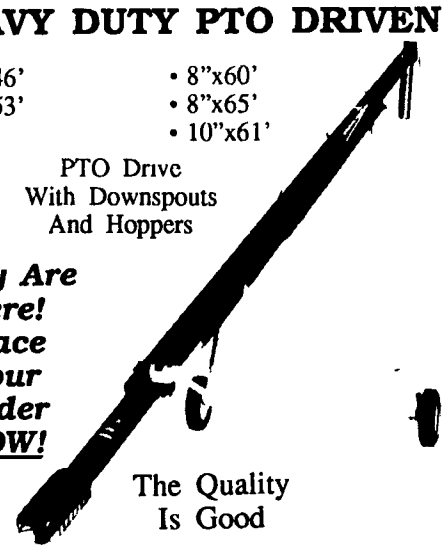
We Stock Heavy Duty MY-D HAND-D GRAIN AUGERS

Prices Include Setup, Ready To Tow Away!

HEAVY DUTY PTO DRIVEN

- 8"x46'
- 8"x53'
- 8"x60'
- 8"x65'
- 10"x61'

PTO Drive
With Downspouts
And Hoppers



They Are Here! Place Your Order NOW!

The Quality Is Good

1980 CASE 850B CRAWLER LOADER W/ GP BUCKET W/TEETH

UC, Sprockets, Pins And Bushing, 75%

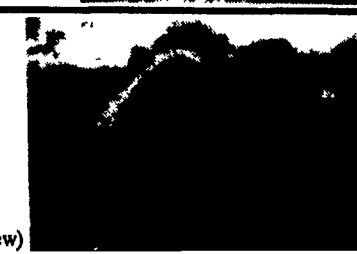
CASH OR LEASE FOR $772/Mo.

Excellent Used NEW IDEA MODEL 514 HYDRO SWING MOWER CONDITIONER

Tow-Away Price Only

$7,650

Worth The Money (Almost Half The Price Of New)



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NEW EQUIPMENT

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- FB 21, 4WD
- FB 31, 4WD w/Loader
- FB 37, 4WD
- 598 5/6 Bot. Plow
- 435 10 Ft. Conserv. Chisel Plow
- 5100 4-Row Planter w/Dry Fert.

KUHN-
- 11' 6 Rake & Tedder
- 17' Tedder Demo Unit

GEHL-
- FB 1580 Blower
- MC 2170 Mower Cond.

KEWANEE-
- 42 Ft. Hay And Corn Elevator

NEW IDEA

FARM EQUIPMENT

NEW IDEA-
- 3626 Spreader
- 3632 Spreader
- 3816 Solid Spreader

USED EQUIPMENT
- NI 400 Rake
- NI 214 Spreader, Single Beater
- Farmall M Tractor
- Gehl BU620 Forage Box, 4x16

MILLER EQUIPMENT CO.

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- Ford 340 industrial
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- Ford 4610, 1984 w/1,100 hrs
- Ford 5000 row crop
- Ford 445 industrial w/loader 1983
- Ford 4400, gas w/loader
- Ford TW 15, 4WD
- Ford TW 20, 4WD
- JD 2940, 4WD
- JD 3010
- JD 4020
- JD 4020, power shift
- IH 574
- IH 856
- MF 12 h p w/mower
- MF 20 industrial
- MF 135
- Long 310, 2WD
- New Long 460 w/1548 loader & 1199 backhoe
- New Long 510 w/Shuttle Drive & Loader
- Long 560, 4WD w/loader
- New Mitsubishi 372, 15 h p
- New Mitsubishi 180, 4WD, 18 h p
- New Kioti 22 h p
- Ebro 480
- Mitsubishi 372, 15 h p w/loader
- Mitsubishi 160, 16 h p w/loader
- Mechanical 3 row pull type transplanter
- 22,000 Harvestall grain bin, complete w/ motors, fans, electric heat element, for drying & storing grain

We also have a large inventory of tractors at our other location at 4530 Olde Scotland Rd., ¼ mile off Exit 8 on 696 North.

¼ Mile East of Exit 6 I-81
on U.S. 30
Hours: 8:30-5:00 Mon.-Fri.
8:30 - 12:00 Saturdays

JOHN DEERE

bobcat

Bobcat Model 440B w/bucket, 150 hrs $4,700
Bobcat Model 643, 1987, 200 Hrs. $11,000
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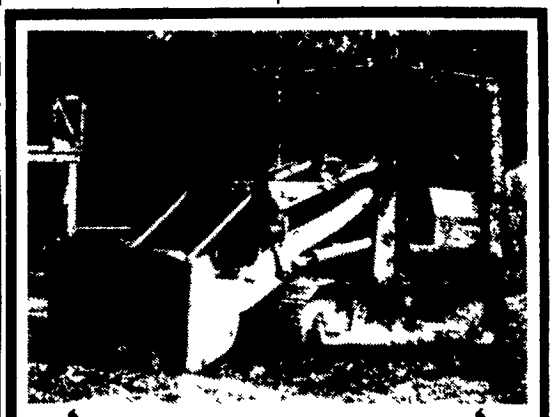

Cat 931
Good Cond.
$9,500
301-833-9091

Eckroth Bros. Farm Equipment

case IH

RD 2 Box 24A, New Ringgold, PA 17960
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7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

USED EQUIPMENT

USED COMBINES
- MF 750 w/grain head
- Int. 915, late model

USED TRACTORS
- Massey Harris Model 30
- Farmall A
- Farmall Super M
- Ford 9N
- Int. 986 w/cab, nice condition

Deutz Fahr hay tedders in stock
2, 4 & 6 star

USED EQUIPMENT
- Mengle Chopper
- IH #45 18½' vibra shank cultivator
- NI 600 forage box
- IH 990 mower conditioner
- NI #311 2 RW picker
- NH 5' flail chopper
- IH 370 disc harrow
- McCormick #3 blower w/table

NEW GEHL EQUIPMENT
- 1540 Forage Blower
- 309 manure spreader

Best Buys in Used Equipment

TRACTORS:
- IH Farmall "C"
- Int F12 w/Cult, $450 - Runs
- IH 240 w/Fast Hitch
- IH 424 SOLD PS, 3 Pt., With or Without Loader
- Cub w/Mott Mower- Real Nice
- Cub Lo-Boy w/Mott Mower
- Cub w/60" Deck
- Farmall Cub w/Gang Mower
- 154 Lo boy w/60" Mower
- IH 766 D, Black Stripe
- David Brown 990 - Fair Cond
- Cub Equipment - Plow, Cult, Disc, Etc
- Massey Harris Model 30

TILLAGE:
- IH 480 DH Manual Folding, 20'6" Disc - $2,800
- Pittsburg 11'6" Disk
- IH 37, 35 In Various Sizes
- IH 3 Pt Hitch 2-Bot. Plow
- IH 13 Ft Trailing Chisel Plow
- IH 11 Ft 2 Rank Chisel Plow
- Int 360 20 ft Trailing Field Harrow
- IH 78 Front Mtd 4-Row Cultivator w/Quick Attach, For IH 66 Series
- 1-Bot Trailing Plow
- Vicon 10' Power Harrow, $950
- Dunham Lehr 12' Packer Mulcher- Poor Cond
- Case 12 Ft Trailing Chisel Plow
- Rhino 118, 15' 10, Disc Harrow w/9" Front Gang & 7½" Rear Gang - 1 year old!

COMBINES:
- IH 227 CH, fits 315, 205 or 203
- IH 205 w/10 ft. Platform, $3,000
- IH 844 Cornhead - $2,500
- IH 810, 13 Ft Head - $2,500
- MF 1144 4-Row Wide CH, $4,250
- 744 Wide Cornhead for 715, Ex Cond.
- 743 N Cornhead for 815, Ex Cond.

EQUIP. FOR PARTS & COMBINES:
- (2) IH 315's
- IH 403 Gear, 4R W Hd. & 12 Ft. Plat.
- IH 227 Cornhead
- IH 700 13' Platform
- IH 550 Chopper (Parts)
- 400 6R Cycloe- Parts or Field Use
- IH 455 & 656 Planters

PLANTERS:
- IH 56 4-Row Planter
- IH 2-Row Fast Hitch
- IH 658 6-Row Narrow Dry Fert.
- IH 3 Pt. Hitch Rotary Hoe, 15 Ft. Folding
- Case Pull Type Rotary Hoe
- JD 1240 Plateless, 30", Liq
- JD Van Brunt 13x7
- JD 17x7 SD, Fert, Good Cond
- JD FBB 17x7 DD
- JD FBB 15x7 SD
- Oliver 76 18x7 SD Grain Drill
- Oliver 76 13x7 SD Grain Drill, Fertilizer Good!

JD 7000 6-Row Planter, 30", Dry Fert And Insecticide, Field Ready- $6,000 Owner Will Demonstrate

HAY & FORAGE:
- NH No 26 Blower
- (2) NH No 27 Blowers
- Gehl FBB 88 Blower
- Gehl 99 Hi-Throw Blower
- 550 IH Chopper (Parts)
- 1014 Hesston Mower Cond
- Hesston PT-10, $1,500
- NH 69 Baler w/o Thrower
- IH 27 Baler - Real Nice
- IH 35 SOLD ive Rake
- IH Direct Cut Head For 15 or 16 Chopper Fox Blower
- JD 1209 Mower Cond, 9 Ft - $3,700

OUTDOOR POWER EQUIP.-
- Cub Cadet 108 Mower
- Cub Cadet 105 w/Mower
- Cub Cadet 982, 20 Hp., w/50" Mower-Rental, $3,200
- JD 110 w/Mower
- (2) JD 210 w/Mowers, Nice Shape
- Grasshopper 1822 Diesel, With or Without Bagger
- Grasshopper 1822 Gas, With or Without Bagger

Good Selection of Used Cub Cadets In Stock

MISCELLANEOUS:
- Howard Rotovator, 54", 3 pt. Hitch, Hvy. Duty, $850!
- IH 540 Manure Spreader - Nice!
- Ag Chem 500 Gal. Trailing Sprayer, Like New!
- Freeman Loader for IH 424
- Morridge 400 Bu. Grain Dryer - Set Up For Natural Gas, Can be converted to LP gas, $1,600

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NEW
- **Baler:** 853 & 316
- **Haybines:** 411, 489, 499 & 1499.
- **Spreaders:** 304, 514
- **Rake Tedder:** 254

USED
- NH 276 Baler w/Thrower
- NH 2R Snapper Head for Fg. Harv
- NH 23 & 26 Blowers
- NH 1880 SP w/3RN & PU
- NH 880 w/2RN
- NH 469 Haybine
- NH 488 Haybine
- NH 1495 Haybine Planetary

BOBCAT

NEW
Bobcat 642B, 743, 843 Loader

USED
Bobcat 743 Skid Steer Loader

RETURNED OFF OF LEASE
NEEDS WORK
JD 7000, 6RN Conservation Planter w/Frame Mtd. No-till Coulters, Dry Fert. & 200 Monitor **$4,250**

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NEW
- **Tractors:** 4050 QR 4 Post; 2550; 2555 w/MFWD.
- **Compact Utility Tractors:** 650; 655; 755; 950.
- **Combine:** JD Grain Head, 213 Flex.
- **Balers:** 330, 338, 430
- **Rakes:** 672.
- **Corn Planters:** 7200, 6R Cons

OTHER EQUIPMENT
USED
- Ford 4B Reset Plow
- Ford 3B Reset Plow
- Ford 3B Trip Back Plow
- NI 208 & 213 Manure Spreaders
- IH 440 Baler w/Thrower
- IH 881 Forage Harvester w/Heads
- Gehl 600 Harvester w/3 Heads
- Gehl 99 Blower
- Gehl 750 Harvester w/Heads
- MF 925 Mower Conditioner

CORN PLANTERS
- JD 7000 Conserv 6RN, Dry
- (3) JD 7000, 6RN, 2 Dry, 1 Liq
- IH 800, 6RN, Liq Fert
- IH 400, 4R, Dry Fert w/Monitor

USED
- JD 3010
- JD 2RN & 2RW C H.
- JD Transport Disk
- JD 210 Disk
- JD 110 Disk
- JD 66 Blower
- JD FBB 13x7 Drill
- JD Fert. Fill Auger for JD 6RN 7000 Planter
- JD 300 Husker w/244 Head
- JD 343 Head
- JD 14 Skid Loader
- JD 1327 Mower Conditioner
- JD 1209 Mower Conditioner
- JD #9 Mower
- JD 336 Balers
- JD 35 Harvester w/Heads

Used Combines: JD 3300 Dsl. w/ Heads
If interested in used 20 Series & Titans, give us a call.

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Hesston 45-66, 40 HP Tractor $9900
Bush Hog Coultor Chisel, 7 Shank, Demo $4900
Bush Hog Coultor Chisel, 15 Shank, Flat Fold
Hesston 4800 Big Square Baler, 2 yrs. old — Excellent Condition

USED EQUIPMENT

White 2-70 Tractor, 2500 hrs.
AC 5020 w/Belly Mower
Cub Cadet 782-D
IH 154 w/5' Woods Mower
Grasshopper 1822 Dsl.
Grasshopper 12 & 16 HP Mowers
Grasshopper Snow Blower
IH 400 6-Row Planter
White 5100 Liq. 6R Planter
White 5400 6R No-Till Planter
Hesston 1014, 12' Hydra Swing
NH 676 Tandem Spreader
NH 518 w/Slurry Sides
Kuhn 6' Sickle Bar
McCurdy 250 Bu. Bin Wagon
LA 9 Knight Mixer Wagon w/Scales

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USED TRACTORS

Case IH 1594, 200 Hrs.
Ford 7710, C.A.
Ford 7700 w/Cab
Ford 6600, 4WD
Ford 3910 4x4 w/ Ldr.
Ford 3910
Ford 3600
Ford 3550 w/Loader
Ford 3400 w/Loader
Ford 2600 G
Ford 1710 LBH
Ford 1710, 4WD
Ford 1300 w/Mower
Ford 801, P.S.
Ford 445 w/Loader
Ford 4000 D PS
Ford 3000 8 speed
Ford 2310 w/loader
JD 1520 Gas
JD 3010 DNFE
JD 2010 GNFE
IH 574 w/Loader
MF 175 D 8 speed
MF 150 G P. Steering
MF 30B LBH
Ford 5600 4WD, Loader
Ford 5000 w/Cab
Ford 3000 w/Blade
Ford 1100 4WD
Ford 420 w/loader
Ford 4000 w/Loader
Ford 2810 600 hrs.
Ford 2110 500 hrs.
(3) Ford 8N's
(2) Ford 9N's
IH Cub w/Mower
MF 2200 w/Ldr.
Satoh 650 P.S.
AC 5020
AC 160 D

USED TRACTORS

JD 4440 w/SGB, PS trans., 2000 hrs. $23,800
JD 4630, SGB, 4 WD, good cond. $13,800
JD 4230, SGB, QR trans. $13,200
JD 2550, w/TS SOLD s., like new $12,900
JD 4630, PS trans, cab, air $12,500
JD 2940, hi-lo, 2 hyds., orig. tires $12,000
JD 2940 2 hyds., hi-low, nice $12,000
JD 2440, hi-lo, SOLD hours, sharp $9,600
JD 2440 Hi-Lo w/new tires $8,500
JD 2640, live shaft, low hrs., nice $8,400
JD 2440, overhauled last year $7,500
JD 2630 Dsl., live PTO, nice $7,400
JD 400 Industrial w/146 ldr., 3 PT PTO $6,500
JD 1520 diesel, overhauled, fair ... $5,800
JD 1020 diesel, w/reverser $5,500
JD 2120 dsl., live PTO, 65 HP $5,500
JD 1520 gas w/JD 48 ldr. $5,500
JD 4010 Dsl., WF, 2 hyd. $5,200
JD 300 Ind. w/145 ldr. $4,500
JD 2510 diesel, WF, SR trans $4,500
JD 2020 gas, P/S, R & P $4,000
JD 3010, NF, diesel w/wts, nice ... $3,800
JD 950 dsl., new tires, fair cond. $3,800
JD 318 Lawn tractor w/mower $3,800
JD 4010 dsl., WF, fair cond. $3,500
JD 720 diesel, w/loader, nice $3,400
JD 4010, gas, W SOLD hyd. $2,800
JD 16A Flail Chopper, good cond ... $950
JD 2R no-till corn planter $800
M & W Turbo Kit for JD 4020 ..... $800
JD Rollbar & roof off 2350 ..... $650
JD A w/hyds. & elec. start $650
M & W Turbo Kit for JD 3020 ..... $600
IH 18.4x38 axle duals, like new $600

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USED EQUIPMENT

1086 Cab
1066 Cab
986 Cab
826 D Cab Turbo
684 D RC w/2250 Loader
656 G 3 pt.
1850 D. Oliver
IH 560 NF fast hitch
544 Dsl, Hydro
IH 154 LoBoy
BN Tractor
Ford 9N
F300 Gas
2 Farmall Cubs w/Belly Mowers
Allis B w/Woods Belly Mower
(2) Farmall Super M's
(2) Farmall H's
Farmall C
IH 315 G Combine w/13' Hume
IH 370 Disk 12'
JD 13' Disc
Brillion 3 PT 7 Tooth Chisel
IH #2A Hay Conditioner
PTO Hydraulic Roll Mill
28' Little Giant Elevator
Used Cadets 10HP to 20HP
1816 Skid Loader

NEW EQUIPMENT

Amco Disk 10½'
Woods Mowers
Cub Cadets & Access.
Westfield Auger
2 pt. & 3 pt. Conversion Kits
8 ton & 10 ton Demco Wagons
Demco 500 gal. Sprayer
Worksaver 12" Post-hole Digger
Hay Tedders
3 Pt. Grader Blades
Cam Sprayers
Cement Mixer, 3 Pt.
Honda Engines

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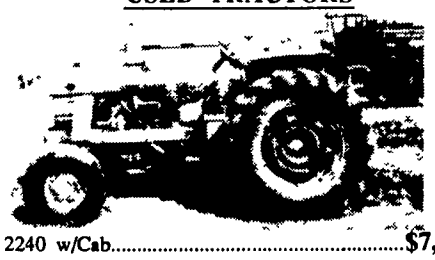
35 Used Combines To Choose From

1984 MF 860 Hydro $32,000
1984 MF 850 Hydro $38,000
1984 MF 850 Hydro $32,000
1982 MF 860 Hydro $24,000
1980 New Idea 801 Diesel 4 Wheel Drive Power Unit $22,500
1980 MF 760 Hydro $28,000
1980 MF 540 962 Hrs. $15,000
1978 MF 760 Hydro $16,000
1978 MF 760 Hydro $16,000
1978 JD 7700 Hydro $16,000
1978 JD 7700 Hydro $15,000
1977 MF 750 Gear $16,000
1977 MF 760 Hydro $15,000
1977 MF 750 Gear $14,000
1976 MF 760 Hydro $11,000
1975 MF 760 Hydro $6,500
1974 MF 760 Hydro $7,500
1973 MF 760 Hydro $6,000
1973 MF 510 Gear $3,500
1973 MF 510 Gear $5,000
1972 MF 760 Gear $5,000
1971 MF 510 Gear $3,000
1969 MF 510 Hydro $7,500
1966 MF 510 Diesel $2,500
Oliver 525 w/2 Heads $1,500
IH 91 w/2 Heads $1,200
MF 82 ..... $700
1980 New Idea 844 4 Row 30" Corn Head
JD 6 Row 30" Corn Head
JD 15 Ft. Flex Head MF 6 Row 30" Corn Head
JD 20 Ft. Flex Head MF 4 Row 30" Corn Head

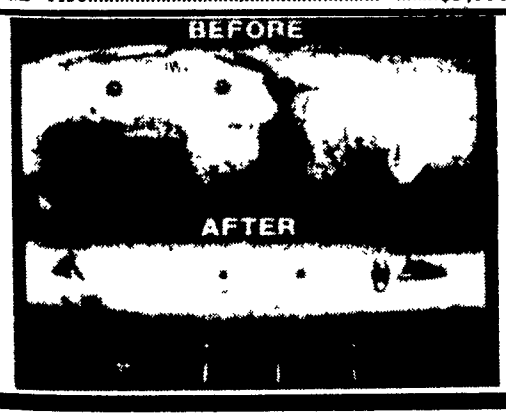
USED TRACTORS



JD 2240 w/Cab $7,500
JD 5010 ..... $4,500
MF 1135 ..... $7,500
MF 50A TLB $12,500
MF 85 Gas $2,500
MF 1130 ..... $4,500
MF 1080 ..... $4,500
MF Super 90 Dsl. $2,900
MF 1650 Garden Tractor w/Mower $1,850
MF 1150 ..... $5,000

USED EQUIPMENT

Glenco 12 Ft. Transport Disc $6,200
Glenco 7 Tooth Soil Saver $3,900
MF 351 19½ ft Soil Finisher $5,200
Landoll 10 ft Soil Finisher $3,200
Danuser Post Driver $1,650
Danuser Post Hole Digger $640
Danuser Wood Splitter $780
MF 82, 3-16 Plow $600
MF 880 Hyd. Reset 6-16 Plow $4,650
MF 41 3 pt Sickle Bar Mower $2,400
EZ Trail 6 Ton Running Gear $550
EZ 475 Bu. Self Unloading Grain Cart $6,400
MF 820 Hyd 19 ft. Wing Disc $8,500
NH 472 Haybine, Like New $4,000
JD 336 Baler $2,600
Dunham Front End Ldr. $1,500
48" Demo 3 Pt. Rotary Tiller $1,075
6' Rotary Cutter $525
New 8' Myer Snow Plow to fit Farm Tractor $1,400
Mott 6' 3 PT Flail Mower $1,150
JD 2R 3 Pt. Cultivator
IH 4R Fast Hitch Cultivator



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TRACTORS

IH 184 Loboy
Cat D6 Dozer w/Pan
Kubota L225
AC 7580
AC 7000
AC 7020
AC 7060
AC 5020
AC 190
AC 8030
Ford 8N
JD 2750
MF 2745
AC 200 w/Cab

BALERS

JD 336 w/Thrower
NH 278 w/Thrower
NH 278 w/58 Thrower
NH 276
NH 275 w/54A Thrower

RAKES

Hay Fluffer
IH 35
(3) NH 258
Deutz Fahr KH40 Tedder
Vicon V Wheel
Yanmar Landsape

PLANTERS

AC 600, 4R, Air
AC 600 4R no-till
AC 600 6R no-till
(2) AC 333

FORAGE EQUIPMENT

NH 890 N3 w/890A Head
NH 1495 SP w/Head
NH 892 w/2 Heads
NH 770 w/WPU
NH 890 w/880W & 822
Hesston 3RW & WPU
(2) NH 30 Blowers
Field Queen Side Dump w/4RN & WPU
NH 900, 2R 30" Snapper Head only
NI 703 Gas Uni System

MISCELLANEOUS

NH 27 Blower
IH 1250 Grinder Mixer
NH 358 Grinder Mixer
NH 445 Skid Loader w/Bucket
NH L775 SOLD Loader
Seed Easy Seeder
AC Disk 2500
NH 1044 Bale Wagon
Case Hammer Mill
Owatonna Skid Loader 1700
IH 1050 Grinder Mixer
2 NH #8 Boxes
Kory Running Gear
Century Sprayer
Haybuster Drill
NH 1010 Bale Wagon

MOWERS

Dixie Mower
NH 1900 w/919A4 & 919N4
Rhino 20' Batwing
Kuhn 7'10" Disk
Triumph Sickle Bar
NH 463 Disk
NI SOLD
NH 451
Woods 121
Woods 5'
Boom Axe Side Mount

LAWN & GARDEN

AC 917 H w/Mower
JD 111
Yazoo
Case 446 w/Mower
AC 410 Tractor w/Plow
Homesteader 208
AC B112
IH F Cub
Gradely Tractor
Kubota B6000 DT w/Ldr. & Tiller
AC 620
Wheel Horse

COMBINES

Case 600
AC M2, 6RN 15' Grain Head
AC C II w/2 Heads
AC G440 Corn Head
AC 430 Head

MOWER CONDITIONERS

Gehl MC1090
(2) IH 1190
NH 488
NH 469
NH 269
(3) NH 489

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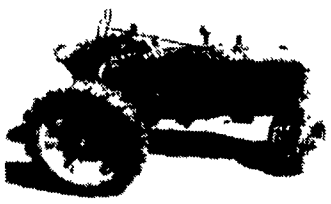
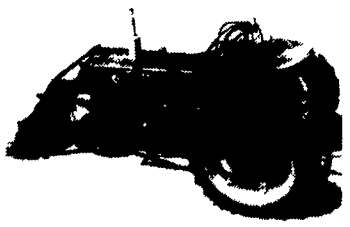
USED TRACTORS

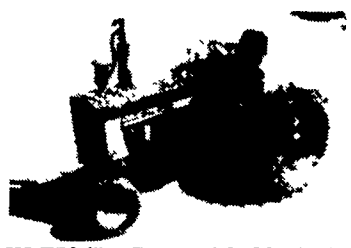


IH Farmall H, Gas, Gear, PTO, 11.2x38 Tires (W3309)

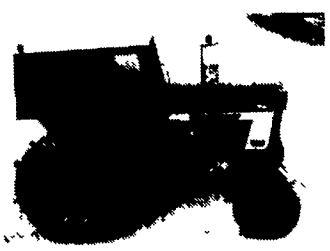
White 4-150, 4-Wheel Drive, CAT Engine, Cab w/Air & Heat, 1000 RPM PTO (W3295)



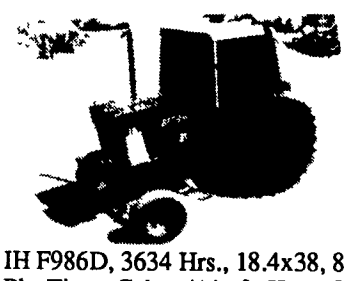
IH Farmall Super H With New Idea Loader, Gas, Gear (W3430)



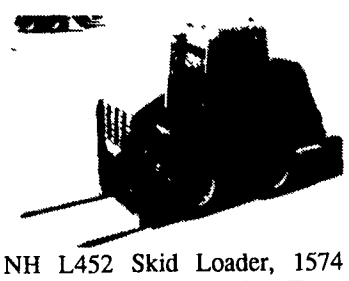
IH F706D, Gear, 16.9x38, 6 Ply Tires, 540 & 1000 RPM PTO, 2 Pt. Hitch (W3331)



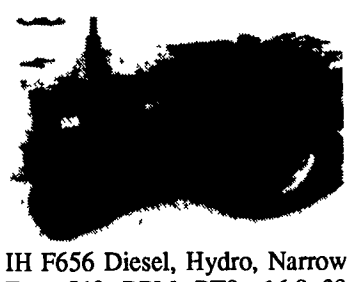
IH F766D, Gear, Cab, 18.4x38 Tires, (2) Valves, Dual PTO (W3345)



IH F986D, 3634 Hrs., 18.4x38, 8 Ply Tires, Cab w/Air & Heat, 3 Hyd. Valves (W3319)

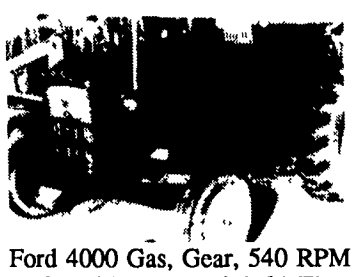


NH L452 Skid Loader, 1574 Hrs., 30 HP Gas, Hydro, Front Hydraulics, 46" Bucket & Fork Attachment (W3292)

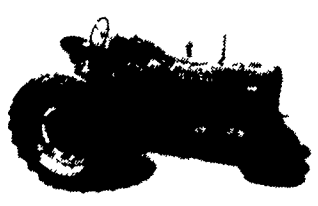


IH F656 Diesel, Hydro, Narrow Frt., 540 RPM PTO, 16.9x38 Tires, New Eng. & Trans. (W2977) **$8,300**

IH Farmall M, Gas, Gear, 540 RPM PTO, 13.6x38 Tires (W3305)



Ford 4000 Gas, Gear, 540 RPM PTO, Wide Front, 12.4x21 Tires (W3081) **$4,500**



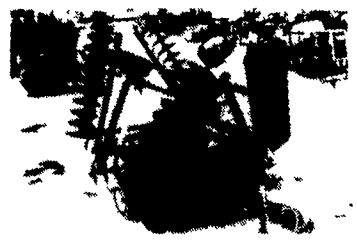
IH Farmall H, Gas, Gear, 540 RPM PTO (W3421)

ALL EQUIPMENT TRADED THIS SPRING

USED DISCS AND PLOWS

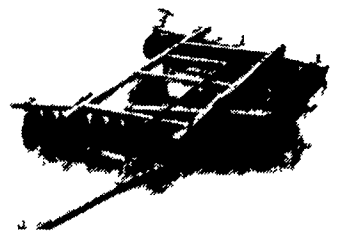
IH 501 Disc, 14' 10½ " Spacing, 21" Blades, Buster Bar Drag (T3283)

Krause 2416 Rockflex Disc, 25' Flexwing, Blades - 21" Front & 22" Rear, Heavy Duty (T3380)



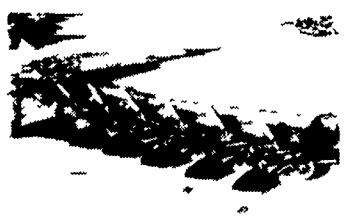
Krause 4927 Rockflex Disc - 25' Cut 9-1/8" Spacing, New Blades (T3242) **$10,800**

Amco 12' Double Offset, C-Arm Bearing Hangers, Good Condition (T3396)



Deere 225 Offset Disc, 12' Cut, 9" Spacing, Blades-22" Front & 22½ " Rear (T3289)

ALL EQUIP-MENT TRADED LOCALLY So It Is Dependable



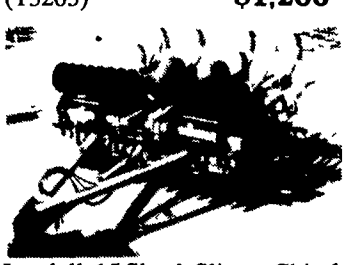
IH 710 6 Bottom, 16" Auto Reset, In-Furrow (T3244) **$3,250**

Deere F350 Plow, 5 Furrow- 16", Furrow Shifting Hitch (T3265) **$1,200**

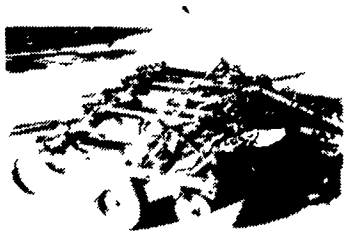
Krause, 2871 Stalk Slicer Chisel, 11 Spring Shanks, 21" Slicer Blades (T3403)

John Deere 1630 Disc, 12' Cut, 11" Spcing, 23" Blades Front, 22" Rear, Heavy Duty Disc (T3419)

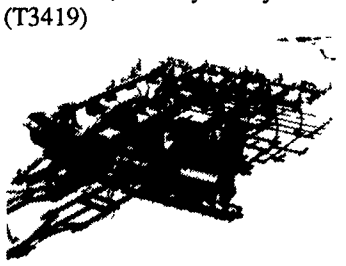
IH 314 Rollover Plow, 3 Bottom, 14" (T3014)



Landoll, 15 Shank Slicer - Chisel, 18" Slicers, Buster Bar Finisher (T3274)



Glencoe Soilsaver, 11 Shank, Good (T3139) **$2,900**



Krause - 3112 Landsman, 12' Combination Tillage Machine, Like New Condition (T2808)

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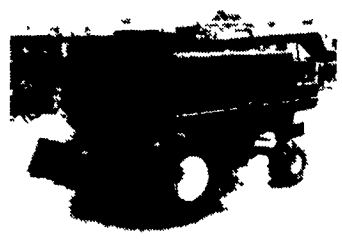
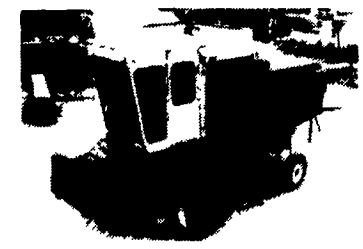
John Deere 6620 Side Hill, Diesel, Hydro, 2400 Hrs. (U2121)

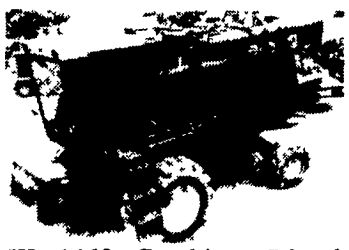


IH 1460 Axial Flow, Diesel, Hydro, 1984, 1529 Hours, 30.5x32 & 18.4x16.1 Tires, A/C, Auto Header Control (U3398)

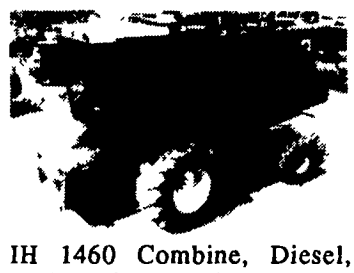
MF 510 Diesel, Gear, AC, Grain-saver, 18.4x26 Tires (U1995) Was $10,200 **Now $8,850**



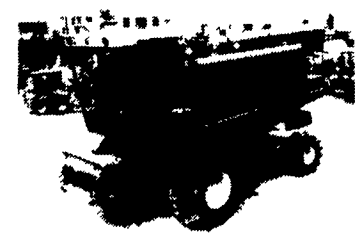
IH 715 Combine, Diesel, Gear, 18.4x26 Tires (U3080)



IH 1460 Combine, Diesel, Hydro, Cab w/Air & Heat, 30.5x32 & 18.4x16.1 Tires, Auto Header Control, Monitor (U3238)



IH 1460 Combine, Diesel, Hydro, Cab w/Air & Heat, 30.5x32 & 18.4x16.1 Tires, Auto Header Control, Monitor (U3076)



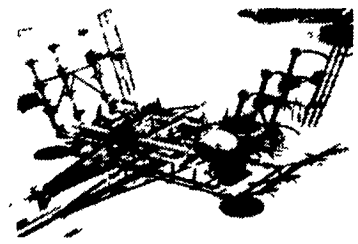
IH 1440 Combine, Diesel, Hydro, 1753 Hrs., AC & Heat, 28Lx26 Tires, Auto Header Control, Monitor (U3092)

AC Gleaner FKS, Diesel, Hydro, 18.4x26 Tires (U3342)

FIELD CULTIVATORS

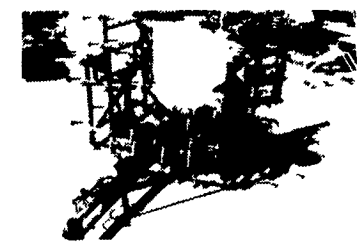
Glencoe 20' Soil-finisher, Demo Make An Offer (Q4975)

IH 45 Vibra Shank Field Cultivator - 12'6" 25 Shanks (T3255) **$1,500**



AC 1200 Field Cultivator, 22' Hydraulic Fold, (T3391)

Brillion 16' Field Cultivator, Model FC-01 (T3341)



Wil-Rich Field Cultivator, 25' Wide, Flex Wing, Narrow Transport (T3453)

OTHER USED EQUIPMENT

John Deere 12' Fertilizer Spreader (V3351)

Deere 8350 Drill, Fertilizer, Grass Seed, 18x7, Single Disc Openers, Excellent (V3395)

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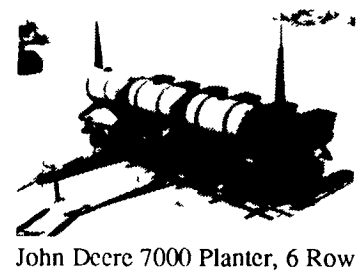
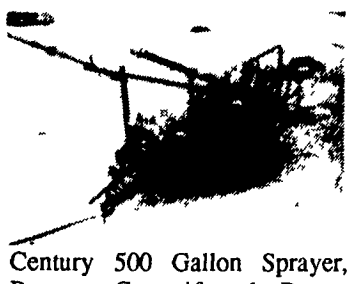
Mower,
3 Pt. Hitch

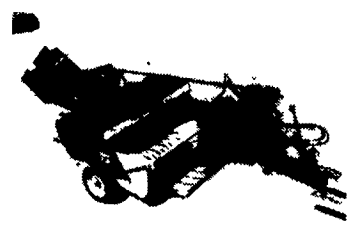


John Deere 7000 Planter, 6 Row 30", Liquid Fertilizer, Monitor, No-Til Coulters (V3394)

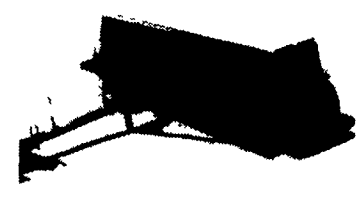


Century 500 Gallon Sprayer, Boom, Centrifugal Pump (V3361)

IH 56 Blower, 540 RPM PTO (U3397)



IH 430 Baler w/#10 Thrower, Extra Clean (U3438)



John Deere 8300 Grain Drill, 21x7, Plain, Double Disc Openers (V3448)

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Ford 4000 SOLD l, select-o-speed, $2,500
Kubota L-1 SOLD tires, $2,650
AC 6040 diesel, $3,300
Int. 584 diesel, $4,500
Int. 784 diesel, $7,200
MF 50 gas, high clearance, $2,200
AC 160 diesel, $2,700
Ford 850 gas, 3 pt., new paint, $2,800

Tillage Equipment

Noble 4 row Danish tine cultivator, $775
JD 4 row spring tooth cultivator, $375
JD 400 rotary hoe, 15', $900
Brillion 11' cultipacker, $650
Dunham 12' cultipacker, $600
JD 1460 6-Row No-Til Corn Planter w/ liquid fertilizer, $900
Chisel plow, 7 tooth, 3 pt., $750
JD KBA disc, 16 blades, $275

Hay Equipment

JD 1209 haybine, 9', $1,500
NH 1495 self pr SOLD ed haybine, planetary drive, $,800
NH 479, 9' haybine, $1,050
NH 256 rake, $1,300
McKee #1578 round baler, (NI), $2,400
NH 478 SOLD ybine, $3,100
NH 495 12' haybine, $1,650
NH 273 ba SOLD per sweep and thrower, $2,650
NH 320 baler w/thrower, $4,000
Hesston 1070, 7' haybine, $1,600
Hesston 1090 9' haybine, $1,200
NH 455 trailer mower, $950
NH 467 haybine, $1,650
JD 1209 haybine, late model, $2,950
NH 75 baler thrower, fits 311, $1,450
NH 450 mower, 3 pt., $750
Int. 990 7' haybine, $1,250

Miscellaneous

Hawk Bilt 357, tandem axle tank spreader, $1,350
Gehl 95 g SOLD mixer, $1,250
Martin liquid manure spreader, $1,500
Int. mach. 5' & 6' rotary mowers
Int. mach. 7' heavy duty rotary mower

Forage Equipment

NH 770-W pickup, fits 770 harvester, nice, $950
NH 38 flail chopper, $1,650
Gehl 1000 harvester w/#HA 1000 pickup head, electric controls, $3,950
NH #782 harvester w/770-W pickup head, electric controls, $2,850
NH 892 harvester w/880-W pickup head, electric controls, $4,500

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Farmall 560 diesel, real good
Farmall 450 gas, PS, fast hitch, w/belt pulley, good
Farmall 350 gas, PS, fast hitch, real nice
IHC w/WFE
Farmall 230, fast hitch w/cult.

BALERS FOR PARTS

Bale Throwers For Parts
Case 200, 230
Oliver 62T, 620
NH 66, 67, 68, 69, 78, 269
JD 14T, 24T
IH 27, 37, 45, 46, 47, 56, 430

HAY EQUIPMENT

Gehl 770, 7' Haybine
36' Speed King elevator
AC haybine
Hesston 1090 - $1450
NH 256 hay rake
JD 640 hay rake, dolly whls.
NI 400 hay rake $675
NH 261 & 269 Haybines, Parts

BALERS

JD 24T w/Thrower
NH 68 w/Chute
NH 67 w/Chute
NH 275 w/Thrower
NH 273 super sweep pickup w/chute
NH 276, ss pickup, w/#58 thrower
NH 272 w/thrower
Oliver 520, ss pickup, w/thrower, nice
NH 68 w/thrower

MISCELLANEOUS

IH 2R Front Mt. Cultivator for 300 to 450 Farmall C Cultivator
PTO Assemblies For Balers
IH 51 forage wagon w/JD gear
IH 461, 4R Front Mt. Cultivator
2 Gravity Bin Wagons w/gears
NI 17 spreader, nice

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JD 201 SOLD ity, new rubber
JD 1010 SOLD y, gas
JD 1010 SOLD , diesel
JD 2550 SOLD , MFWD w/cab & 245 self-leveling loader
IH model 184 Cub Low Boy w/mower
IH 154 Cub Low Boy w/mower & sickle bar attachment

COMBINES

JD 6620 Side Hill combine
JD 7720 combine w/4WD
(2) 643 corn heads
215 flex platform
216 flex platform
709 Uni System w/4WD diesel, 3 row picker unit, 3 row forage harvester unit

HAY TOOLS

JD 1209 mower conditioner
NH 489 mower conditioner
NH 469 mower conditioner
JD 336 baler w/30 ejector
JD 346 baler w/ejector

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930 Case Diesel	$4,200
MF 1080 Diesel	$4,500
Ford 8000 D	$5,950
Oliver 1750 D w/Cab	$4,950
Ford Dsl., 65 HP, 4 WD	$5,600
Owatonna 330 Uni Loader w/4' Bucket	$3,200
Case 730 Gas	$2,950
Hesston #10 Hay Stacker	$1,895
NI 701 Power Unit w/combine In sheller unit	$3,200

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- NH 519 Spreader
- NH 36 ft. Elevator
- NH 353 Grinder-Mixer, Like New
- NH 676 Manure Spreader
- NH 256 Rake
- NH 469 Haybine
- NH 489 Haybine
- Lamco Forage Box, Ex. Cond.
- Butler 280 Ensilmixer Stainless Steel Lined
- NH 27 Blower
- NH 1495 Haybine, Cab, Air
- NH 718 Harvestor
- NH 258 Rake
- IH 430 Baler w/ Thrower

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IH 2444	JD 4840	IH 606
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- Brillion 14' Field Cultivator
- Brillion 20' Field Cultivator
- Krause 33' Field Cultivator
- Chatanooga 14' Packer
- Case 14' Disk
- Krause 1976 Disc
- Krause 1927 Disc, 25'
- (2) Krause 1966 Disc 31'
- Sunflower Disc 29'
- JD 230 Disc, 20'
- Brillion 23' Notched Packer
- JD 12 Shank Chisel Plow
- JD 825 Rollover Plow 3x16
- JD Plow, 5x16
- Ford 142 Plow 5x16
- Krause 2321 Chisel Plow 26'
- Tebben Deep-Till, 7x30"

COMBINES
(2) IH 915—JD 7700—AC F3
IH 1460—IH 815

MISCELLANEOUS

- Ferguson Ditcher
- NI 245 Manure Spreader
- NI 299 Mower Conditioner
- Brillion 12' Mower
- IH 5100 Drill 21x7
- JD 8300 Drill 23x7
- IH 510 Drill 24x6
- NH 315 Baler
- IH 47 Baler
- NH 1495 Haybine
- IH 725 Windrower
- IH 60 Shredder
- Roanoke Hydraulic Boom Mower
- Woods D80 80" Mower
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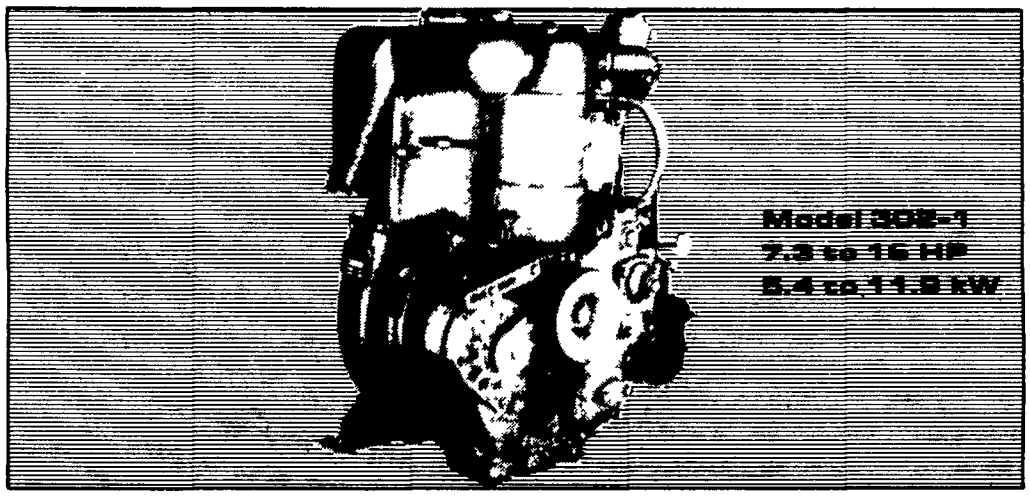
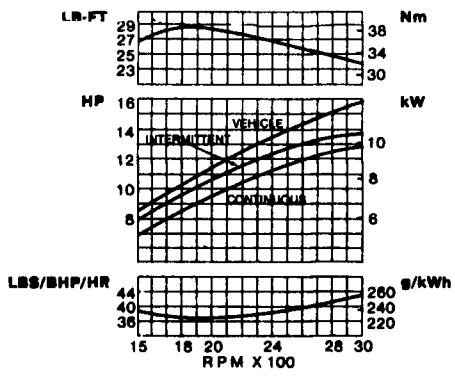


Standard Features

Configuration: Single cylinder diesel, direct injection four stroke cycle design
Alternator: 12 volt D C., 37 amp
Flywheel: SAE 6 5"
Flywheel Housing: SAE #5 with adaptor ring
Fuel System: Fuel filter, fuel lift pump, fuel injection system and 4 4 gallon fuel tank
Lube Oil Filter: Full flow spin-on type
Starter: 12 volt D.C., 1 8 HP
Exhaust Silencer
Mounting Feet
Instrument Panel: Lights for charge, head temperature and oil pressure plus key switch
V-Belt & Pulley Guard
Approximate Dry Weight: 375 lbs (170 kg)
Vibration Balancer: Gear Driven

Performance



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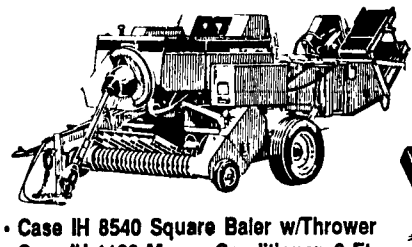

- Case IH 8540 Square Baler w/Thrower
- Case IH 1190 Mower Conditioner, 9 Ft.
- Case IH 8520 Square Baler w/Thrower
- Case IH 8 SOLD ound Baler
- Case IH 8830 Mower Cond., with 12 Ft. Head, 110" Co SOLD Rolls, And Case IH Engine

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7110 4 Wheel Drive

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- Case IH 2096, 4WD, Cab — Demo, Rental
- Case IH 1896, 2WD, Cab
- Case IH 485, 2WD, Heavy Duty Axle, Shuttle Shift
- Case IH 485 2WD, Turf Tires — ROPS
- Case IH 485, 4WD
- Case IH 585, 4WD
- Case IH 585 Low Profile Orchard Tractor
- Case IH 485 Low Profile Orchard Tractor
- Case IH 685 In Stock, Low Profile Orchard Tractor
- Case IH 1394, 2WD, 2 Post ROPS, Power Shift, Turf Tires
- Case IH 1825 Gas Uni-Loader
- Case IH 1835 C Gas & Diesel Uni-Loaders — New Units In Stock
- Case 1835B SOLD Loader — Rental Unit
- Case IH 720 5-Bot., In Furrow Plow
- Case IH 4500 Vibra Shank Field Cultivator
- Case IH 496 Disk Harrow, 19 Ft 1, 9" Spacing
- Case IH 496 Disk Harrow, 18 Ft 7, 7½" Spacing
- Case IH SOLD 11 Ft. 6

- Case IH 6500 11' Consertill
- Case IH 415 Packer Mulcher 10'1"
- Case IH 415 Packer Mulcher, 13'2"
- Case IH 5611 2 Rank 11' Chisel Plow
- Case IH 5513 3 Rank Chisel Plow
- Case IH 5607 2 Rank 7 Ft Chisel
- Case IH 5700 3 Rank 11 Ft Chisel
- Case IH 595 Spreader
- Case IH 1620 Combine
- Case IH 1660 Combine
- Case IH 50 Shredder
- Case IH 900 Planters - 4 & 6 Rows
- Case IH 2200 Loader
- Case IH 2250 Loader
- Case IH 2255 Loaders
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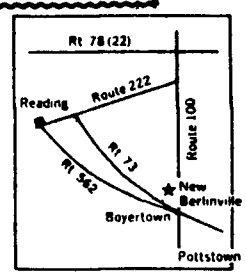

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Recently received machinery...we now have a unique area reserved for our **"TINKERER'S ROW"** of mechanics specials. This is strictly an "AS IS" format. Like to tinker with machinery? Check out the used tractors and light industrial machinery. These babies haven't seen the inside of our shop. We'll leave any and all repairs strictly up to you. LOOK WHAT'S AVAILABLE:

TRACTORS AND EQUIPMENT

ALLIS CHALMERS: 6080 w/ROPS; 6060, 2WD; 190XT w/cab; 190XT; C-wide front; WD-45.
CASE: 350-D w/Forklift, 3 Pt. Hitch & Blade
DEUTZ-ALLIS: D6006
FARMALL: C-Wide Front
FERGUSON: 35 W/Loader; T020
FORD: 6600 4WD; 3000D; 2000; 601 w/Forklift; Model 8D Forklift
IHC: Cubs; 574-D w/Loader
JOHN DEERE: 730-D Narrow Front
MASSEY FERGUSON: Gas Model 35 w/Loader; 50G; 65 w/Loader
MINNEAPOLIS MOLINE: G450 Tractor
Also: A **HESSTON** 6600 Self-Propelled Haybine
GRIMM: 4-Star Centipede Hay Tedder

C'MON IN AND BROWSE THROUGH
TINKERER'S ROW

At: MARSHALL MACHINERY, INC.
Route 652, 5 Miles East of Honesdale, Pa. Directly Off Route 6.
Call Us: (717) 729-7117
We're Open 6 Days A Week - Monday Through Saturday 8-5

SPRING SPECIALS

A CUT ABOVE THE REST

Cut-Master; The Affordable Rotary Cutter from

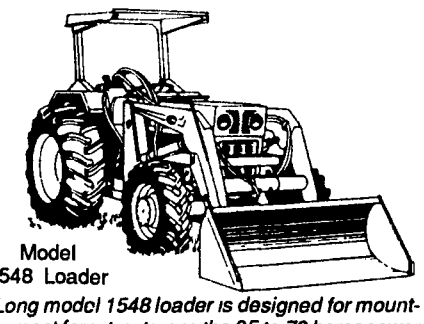
LONG

- For 25 - 45 hp tractors
- 60" mower
- Available Now at Forrester Farms
- Other widths available

JUST $500

Also Available
36", 42", 48", 52", 72" Mowers
Call For Price!

UNIVERSAL MOUNT QUICK-ATTACH LOADER



Model 1548 Loader

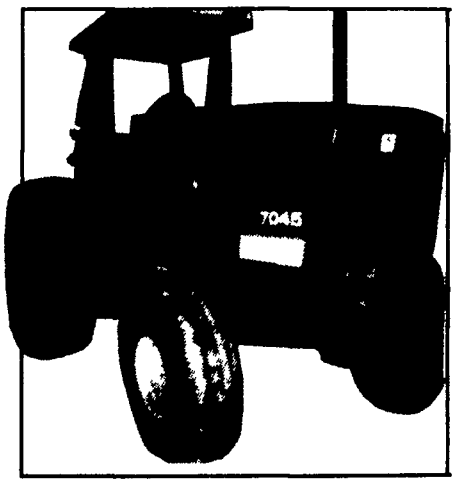
The Long model 1548 loader is designed for mounting on most farm tractors in the 35 to 70 horsepower range. The boom and bucket assembly can easily be mounted or removed in approximately five minutes, making it the ideal utility loader for the farmer who doesn't need a full-time tractor/loader. A variety of buckets are also available for most farm applications

LONG **$3000**
Long delivers.

This loader can fit JD, Ford, IH, AC & others

FORRESTER FARMS
1337 Lincoln Way East, Chambersburg, PA Phone (717) 263-0705

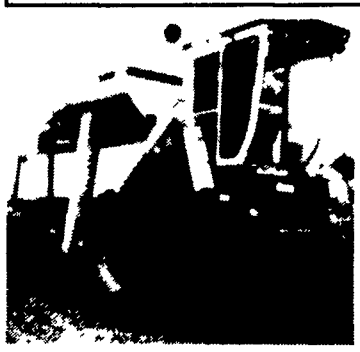
SPECIALS OF THE WEEK



BRAND NEW

AC 7045
WITH ROPS & CANOPY

- ***Never Used***
- ***Warehouse Kept***
- ***Factory Warranty***



AC Gleaner L2
6 Row Cornhead,
15 Ft. Flex Head,
Excellent Condition

Used AC 7060
In PERFECT Shape!

Used AC Corn Planters
IH 800 Planter (Very Nice)

NEW **M3 GLEANER COMBINE**

MORE TRACTOR SPECIALS

NEW AC TRACTORS

5050 A.C.	5040 A.C.	7045 A.C.	6070 A.C.
Deutz Allis 6240's—6250's	7010 A.C.	6240 A.C.	6140 A.C.

USED AC TRACTORS

7040 A.C.	XT 190	185	7000
7030 A.C.	180	7060's	7045 A.C.

OTHER USED TRACTORS

IH 340 — IH 140 — IH 806
IH 244 FWD — JD 1050 4WD
Super A w/Plow & Cultivators (A-1 Shape)

NI 708 UNI-SYSTEM, HYDRO DRIVE w/717 COMBINE CORNHEAD & GRAINHEAD

GRUMELLI FARM SERVICE

See Salesmen:
Jerry Hershey
Clarence Herr
Tony Grumelli

Quarryville, Pa.
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bobcat
DEUTZ ALLIS

NEW IDEA

C.J. WONSIDLER BROS.

KHD DEUTZ ALLIS

NEW HOLLAND

BRANCH
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New Tripoli, PA
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Sat 7 30 A M -12 30 P M

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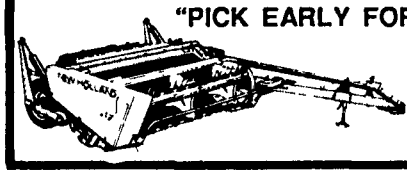
Trumbauersville to Finland Rd.
Quakertown, PA
(215)536-1935 or 536-7523
Mon-Fri 7 30 A M -9 00 P M
Sat 7 30 A M -4 00 P M

BRANCH
Lobachsville, Oley, PA
(215)987-6221 or 987-6257
Mon-Fri 7 30 A M -5 00 P M
Sat 7 30 A M -12 30 P M

Mr. Farmer:

COME IN AND PICK OUT YOUR HAYBINE, BALER, OR COMBINE.
"PICK EARLY FOR THE GOOD UNITS BEFORE THEY'RE GONE!"



We are faced with a limited supply of new 1988 hay tools and combines. Don't be stuck in season without dependable tools. BUY TODAY!!!

TRACTORS
AC 7050 D w/Cab, Air/Heat
AC 6080 D w/Ldr.
AC 6080 D
AC 210 D
AC 190 D, Excellent!
AC WD
MF 135 D
NH L-445 G Skid Loader
JD 4020 D
JD 3010 D w/wide front end
JD 720
IH 1466 D, w/Cab
IH 856 D
Farmall 1066 D w/Cab
Farmall 460 D
Oliver 1550
Oliver 500 D
Ford 801D w/Loader

MANURE SPREADERS
Knight 350 PTO w/Endgate, 350 BU.
Gehl 350 w/Endgate, 300 BU.
NH 676 w/Hyd. Endgate, 320 BU.
NH 675 w/Endgate, 300 BU.
NH 519, 217 BU.
NI 245, 360 BU., Endgate
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU. A-1!
NI 218, w/Hyd. Endgate, Tandem, 300 BU.
(3) NI 213, 177 BU.
IH 550 w/Endgate, 200 BU.

COMBINES
AC Gleaner L2 D w/Cab & 16' Grain & 630 Corn Heads
(1978) AC Gleaner M2 D w/Cab, Air, 13' Grain & 430 Corn Heads
(1977) AC Gleaner F2 D w/13' Grain & 438 Corn Heads
AC Gleaner F w/Cab & Both Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 3300 Cab w/Air/Heat, 10' Grain & 238 Corn Heads, EXCEL!
MF 750 D w/Cab, Air/Heat & 630 Corn Head
IH 315 w/Cab, Grain & Corn Heads
NH 975 Gas w/Cab & Both Heads
NI Uni-System 701 w/710 Power Unit, 10' Grain & 2-Row Wide Corn Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent

DEMO CORN PLANTERS
AC 600 6-Row No-Til w/Granular Fert.
AC 600 4-Row No-Til w/ Granular Fert.
AC 600 4-Row No-Til w/Liq. Fert.
White 5400, 4R Air Champ Planter

TILLAGE
Oliver 546 5B Automatic Reset Plow
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
IH 11' Transport Disc
JD 17 Disc Grain Drill

MISC.
Weaverline 224 Silage Cart, 30 BU., w/Automatic Charger, Rebuilt!
Weaverline 330 SS Silage Cart w/Automatic Charger, Excellent
Weaverline 330 Silage Cart, Rebuilt, LIKE NEW!
AC 500 Ldr. Fits 6060, 6070, 6080 Tractors

HAY EQUIP.
NH 1002 Bale Carrier
(2) NH 489 Haybine
NH 479 Haybine
MF 81 Haybine
(2) Hesston 1014 Hay Conditioner
NH 273 Baler w/kicker
NH 275 Baler w/kicker
NH 320 Baler w/wire tie
Niemeyer 17' Tedder, PTO
Pequea 710 Tedder, Demo & like new!
Grim PTO Tedder

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STITZEL FARM EQUIPMENT, INC.

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COMBINES w/Good Selection Of Heads We have 16 late model very nice, local, one-owner combines
1981 NH TR85, 4WD, V8, Hydro, full equipment
1983 MF 860 Hydro V8 motor, fully eq., low hrs, looks like new, w/rear whl. drive w/1163 C H & 15' flex U2, reel, like new
M F. (82) 850 4 WD Hydro w/16' Flex + 1163 C.H, 900 hrs., real nice, $47,500 $45,500.
M F. 1980 750 Gray Cab, Hydro, fully eq., 700 hrs.
JD 8820 fully eq w/Turbo Hydro w/Reverse feeder house and chopper $27,500; JD 7720 and 6620 available with 4WD
JD '81 Model, 6620 LL, w/215 flex, real nice.
JD '81 Model 6620 LL w/216 Flex, very nice
JD (81) 6620 Side Hill w/700 hrs., looks like new.
1976 JD 7700, real nice.
JD '81, 7720, Cab, Air, Turbo, Hydro w/220 Flex.
JD 6620 S.H., 800 Hrs, real nice, ~~$35,800~~ $33,500
JD 6620 LL, 1 owner, nice, ~~$27,500~~ $25,500.
(75) 6600 D. Rotary Screen good.
1977 JD 4400 D., C.A. w/23x26 tires, $11,500.
55 Sq B. w/Cab-Good w/2 Heads, $3,250; 55 C.S Sq. Back w/Cab.
IH (Used) 1460 Axial Flow - 800 Hrs, 863 C H. & 15' grain for, ~~$38,500~~ $36,500.
MF 550 D., C A, low hrs
(77) IH 815 D., C A Hydro, 4WD w/810 Grain & 4R Corn.
IH (77) 915 D., C A. Hydro Combine w/863 C H.
(76) Gleaner L Corn & Soybean Special, D, C.A. Hydro w/16' Flex & 630 Corn.
IH 715 Gas w/Cab & 810 grain for $4,850; MF 300 Gas w/Cab & 2 QT Heads, good condition; IH 82 Pull Combine; ('75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C A.-Nice; IH 105 w/Cab & 10' Grain, nice; IH 205 Combine w/ Cab & 10' Grain.
NI 709 Uni, CA, Hydro, 4WD; N.I. 702 & 705 Uni-Systems w/Full Eq.; NI 702 Uni w/727 Bed, 729A Sheller & C.H.; NI 702 D. w/727 bed & 3R C.H.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House.
CORNHEADS: J.D. 843 LP, 643 LP, 643, 444 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head.
I H. 863; 844; 843; 833; 744; 327, 3R; 227.
A C. GL 440, C440, A438 Black, A630 Black, L2, L438, M430, Gleaner C430 C.H., F335.
M F. 1163, 1144, 1143, 63, 44, 33, 43, 24, 222, 422, 44—$900 & Up.
N I 846 N 6R C.H.; 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 4RN, 6RN Corn Head
NH 924, 4RW, NH 974 6R, White 706N; Oliver White 4N
GRAIN HEADS: J.D. Used 12'-15' Incl 213 & 215 & (2) JD 216 Flex, 213 & 215 Rigid.
I H. 810-13' Thru 16 5' w/ Reg or Floating.
M F. 10'-16' Reg. or Floating Bar; A.C. E10', G15'.
N I. 713 Flex Or Rigid.
NH 972, 20' Flex; NH 960, 13'.

TRACTORS:
J.D. New 2950 w/R.G, JD 4450 ROPS, PS, MFWD, 500 Hrs, Like New; JD 2350 w/146 Ldr, 350 hrs.; (3) JD 4840's C A. P.S Duals & Quick Hitch; JD 4440 C.A. P.S.; JD 4440 C.A. QP ~~SOLD~~ (38 Tires; JD 4240 C.A P.S; JD 2940 MFWD, real nice; JD 2940 w/FWD & Roll Guard; JD 2440 Dsl, U, original, 1977 JD 4230 C A, Q R, sharp, 2200 hrs; JD 4230 Q R, ROPS, new paint, 2940 w/R.G, 8630 4 WD C.A Q R, Full EQ w/ Duals; 4630 SR w/Cab & Air; JD 4430 C.A.Q R, 30.8x38; JD 4430 C.A Q.R, 20 8x38 Radials; JD 4430, QR, cab front wheel assist, 4230 C A Q.R; JD 4040 PS w/R G.; JD 4030 w/ creeper trans.; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo, (70) 5020 - $5,900; 4520 w/Factory Cab; JD 4320 w/Duals, Fresh Motor; JD (8) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; JD 4020 PS; 4020 S.C, W.F.E.; 4020 P.S., S C., W.F.E.; 4020 w/58 Loader; JD 4020 D. WFE; JD (72) 3020 Tricycle Dsl., 3020 D. ~~SOLD~~ W.F.E.; JD 3020 Dsl., WF; JD 3020 D Tricycle; 2520 Dsl.; JD 3020 G.; JD 2020 Gas; JD 4520 R.G. & cooler w/30.5x32 tires; JD 4010 D. WFE, Real Nice; 4010 D w/new clutch; JD 4010 Dsl, WFE; 630 Gas; JD 430 Utility w/3 pt.; JD 3010 D., Tricycle; JD 2510 Dsl.; 630 Gas, 620 LP; JD 70 Tricycle.
I.H. (New) 5088 Full Eq. C.A. never used. Sale Price, $33,450; 3288 CA, 670 hrs.; 1086 CA w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; IH 1086 ROPS, w/Enclosure Very Nice; IH 986 C.A. Duals, Nice; 886 w/R.G.; 1800 Hrs.; IH 686 Dsl., original; Farmall 1066 C.A., original, $8,350; IH 1066 Cab & Duals; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1976 Model 1566 CA, Black Stripe; 1466 w/Cab; IH 1466 w/Cab & Duals, Original; IH 1466 C.A., as is; IH 1466 Fender, new motor, nice; F1066 C.A.; 1066 Hydro - Original, $8,350; 966 Original; F966 WFE, 3 Pt., New TA & 38" Rubber; F766 w/ Factory Cab; 766D.; 674 D.; 574 D. w/Loader; IH 544 Utility Gas, Nice; IH 544 Gas ~~SOLD~~ 0 Loader; Farmall 544 Gas, WF, 3 pt.; IH 444 U. Gas w/IH 1501 Loader; F1456 Fender w/Duals; 1256 w/Cab, Nice; 756 G Hi-Clear, 656 Gas - W.F.E. - Original, 656 Gas & Diesel; 656 D Hi-Clear, IH 1026 Hydro w/Cab, As Is; 1206, Nice, Farmall 806 Dsl, WF, FH, 38" Tires, Nice; 706 D - W F E - 3 pt - $5,000, F706D., WFE, 3 pt; 706 Gas T/A, W F E; F504 Gas, WF, 3PT, IH 240 Utility; F560 D, WF, FH, F560 D w/Fast Hitch, IH 460 U. Gas, FH, PS & Shuttle; F450 Gas, Tri, F H.; F560 Gas, F450 D, Farmall 200, Farmall M, real nice, Super A w/ Sickle Mower, Plow & Cultivator; Farmall Super A w/Wagner Hyd Loader w/Blade & Plow, Super A w/Cult.
New AC 8050 C.A, P S., rad tires, fully eq.
A C. New AC 6080; Used AC 6080 w/ROPS; AC 8010 C.A 20 SP MFWD w/ Westendorf 64 Ldr; 7040 C.A P.S., Like New; AC 7000 C A., PS, Original; AC 200 D original, AC 220, real nice, XT190D w/3 pt., AC 185 D, WFE, Sharp; AC D17 Series IV D 3 Pt, WFE, AC D14 w/ Ldr, AC CA, WF w/Cult, AC WD 45
CASE Case 1594, P Shift, low hrs, like new; Case 2590, CA, PS, 1600 hours, 1370 C A.P.S. Factory Duals; 2090 CAPS, $14,800, Case 930D, Standard; 930D, WF 3 pt.; 830 Gas, WF, 3 pt.; Case 730 D., WF, 3 Pt., DB 990 Tractor D, nice, Case 995 Dsl. w/Ldr
M F. 1135 C.A.M.P.; 1977 MF 1135 CA, Duals; MF 1085 Dsl.; (2) MF 175D; MF 165 U. Gas; MF 1130, MF 40 Industrial Loader, Gas w/Half Cab.
Ford 7700 DP w/Cab; Ford 6700 w/Dual Power & Ldr; Ford 7000 D; Ford 5000 dsl., WFE, 8SP, Original; Ford 4000 Dsl., original paint; Ford 3000 JD 430 D w/Mower, like new, (3) JD 318, NI 324 Picker w/12 Roll Bed, JD 12' Chisel Plow, Case 411 Utility Gas; MF 40, as is; MF 65 & 35 D, (2) JD 2800s, 7X, JD 2800, 6X Onland, like new, JD 2600 5X; IH 710, 7X Onland; JD 4R S tine Cultivator, JD 3300 Gas w/10' Grain; Hesston 1090 Haybine; NH 1495 Gas SP Haybine; Case 2294 C.A P S. 600 Hrs, NH TR70 w/Cat Dsl, JD 643 LP, NH 3R 30" C H; 1983 Butler Batch Dryer, AC 653 Crawler w/6 Way Blade, IH 80 Pull Combine
CORNPICKERS: (5) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; Shellers & Super Shellers, (2) NI 323, 1R Picker, $2450-$2750.
New N I 329 Super Sheller List $6700.00, Special $3,550, N I 330 - 3 RN w/ Supershellers; 325 2RN w/Grinder
PICKER: NI 319 Mtd.; IH 1PR; MF 61, 1R Mtd.
FORAGE EQUIP.: Forage Harvesters w/Choice of Heads
(1980) NH 1895 CA, Hydro, 4WD, Metal Detector w/3 Heads, Real Nice.
JD 3960 Chopper w/2RN C.H.; JD 3800 w/elec. controls; JD 34 Chopper Incomplete.
J D 1, 2 & 3R Snapper, 2 & 3 R Silage, New & Used 5½' Hay Pickups; JD 243 C H. w/adapter plate; 3 JD C H. harvester adapter plates; JD 8' Direct Cut
I H. 2 R N. Silage For 550-650; IH Direct Cut Head for 650; NI 766 Hay PU.
FOX 984, 4R Silage, 2 CSB 2RW - Snapper; 263-2 RW; 109 Hay Pickup
FLAIL CHOPPERS: (2) NH 38, like new; Used NH 38 & 36; Bearcat 72A; IH #50 4R Shredder, JD 16A; IH 60 Shredder w/End Transport, like new
SILAGE WAGONS. JD 716 Tandem Axle w/Roof, Danco Tandem Axle w/ Roof
HAY EQ.: BALERS: New NI 555 w/560 Thrower, List Price $12,881, Sale Price $7,500; JD 337 w/ Thrower, used 2 seasons; JD 466; JD 500 Rd; JD 410 Rd.
NH 315; NH 315 w/70 Thrower; NH 318 w/Thrower; NH 282 No Thrower; IH 430 w/#10 T; N.I. 456 Round; N.H 851 Rd.; NH 846 Rd.; Hesston 5400 Round, MF 124 w/ Thrower, Vermeer 706 Round; NH 851 Rd.
RAKES. NH 258 & 256
IH 14; Deutz Fahr 4 Star Tedder; Lely 2 Star Tedder
HAYBINES: NH 1495 D Hydro w/Half Cab; (2) 495; 489; 478; 477; 469; (2) NH 467; IH 1190, JD 1219, like new; JD 1209; IH 990; NI 509, 9'; Gehl 1080 Discbine
New MC 7E; (2) M.C. 7E; MC 9E Rotary Scythe; NI 279 Cutditioner; NI 272 Cutditioners; N.H. 1034 Stack Wagon; NH 1010 Bale Wagon; NH 1010 Bale Wagon, good condition; NH #90 Bale Mover.
PLANTERS: New NI Kinze 6R No-till, List $15,688, SALE $9,995; JD 7000, 12R Front Fold, Dry Fert. w/No-till, full equipment; (2) JD 7000, 8R 30" Liq. Fert., Full Equipment; JD 7000, 8R 30" Dry Fert., Full Equipment; JD 7000, 6R Conserv. Dry Fert.; JD 7000, 6R Dry Fert., Fully Equipped; JD 7000, 4R; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; JD 4R Cons. w/Dry Fert. & Insect.; (2) JD 7000, 4R Dry Fert., Full Equipment; IH 800, 8RN End Transport w/Dry Fert.; IH 800, 6R Dry Fert.; IH 56, 4R; Hiniker 4R Econotill, No-till, w/ Kinze Units; IH 56, 2R Pull Type w/Dry Fert.
DRILLS: JD 8300 (Like New) 100 Acres; 21x7 D.D. w/ Soybean Att.; JD 8300, 21x7 DD w/Press Wheels; JD 8300 23x7 Drill; JD 8350, 23x7 w/Fert. & Seed
IH 5100 21x7; Tye 13' No-Till, Brillion 8' & 10' Seeder; New Gandy 1011A Fert Spreader; Brillion SS 1201 10' Transport Seeder.
GRINDERS/MIXERS. Bearcat 1250 Grinder Mixer; Gehl 115; NH 352; Farmhand 850 Tandem Axle, IH 1150.
BLOWERS: Gehl 99, nice.
TILLAGE EQ.: PLOWS Howard 4X Para Plow; IH 541 4X 3PT Plow, JD 4X 16 Semi Mtd; Ford 142, 4X; JD 2500 4x18 Reset; JD 4X 16" Semi Mount Plow, JD 845 4X 16" Rollover; JD 945 5X Semi Rollover, IH 720, 5X Toggle Trip, OLIVER 546- 5x16 Spring Reset, White 508, 6X Reset; JD 2700 6X Reset, I.H. 700- 6x16 Spring Reset, JD 2500 5X Reset; IH 560 6X Plow; JD 3200, 6X Reset; JD 2450, 6X On Land; Oliver 6X Reset; WHITE 549-7X Sp Reset; JD 2800, 7X Onland, J D 7X; M F 6X On Land Hitch, IH 800 10X Flex Spring Reset
CHISEL PLOWS. Brillion 10' & 11', Ferguson 11', New AC 1600, 12' Pull, Bush Hog 12', I H. 55-12', (2) 7' 3 pt.; Bush Hog 10' w/ Buster Bar; Brillion 12'; w/ Buster Bar; Tibben 12' Auto Reset Ripper
DISCS: Miller 14' Offset, like new; JD 215; Taylorway 16' Rock Flex, Manual Fold, Krause 1900, 22' Rock Flex Hyd Fold; JD 230, 21' Hyd. Fold; JD 230, 24' Hydraulic Fold, IH 8' Transport; JD AW 13' Disk w/Transport & New Blades.
MULCH TILLERS: Willbeck 13'; Glenco SS18 Fold Soil Saver, Glencoe SS13 Hyd. Fold Soil Saver; Brillion 9 Shank Soil Saver, Glencoe SS7 Soil Saver
CULTIMULCHERS: New Dunham Lehr 13' at dealers cost, JD & Brillion 10', 12', 13' & 15'; JD 10' Roller Harrow; Brillion 10' w/ Inside Wheels.
CULTIVATORS: IH 80 2R Front Mount; IH 468, 4R Front Mt.; JD AT 40 4R Ft. Mt. Cultivator; JD 2R; 4R S Tine; McConnel 4R S Tine; McKee 4R S Tine; JD 4R Front Mount; (4) JD RG 4; JD & IH 6R 3 pt.; MF 6R S Tine; Dunham 6R S-Tine; IH 68, 6R Front Mount; NEW JD 825, 8R S Tine; New IH 4500, 18' Vibra Shank; IH 16' Fold Vibra Shank Field; Brillion 22' Hyd. Fold Cultimulcher; IH 365, 18' S-Tine Field Cult.
MISC: I.H. 5 & 7 Shank V-Rippers w/Gauge Wheels; Glencoe Soil-Finisher 12'9" - Like New; (2) Howard 13' Rotavator; Knowles 16' wing trans. harrow, used 4 acres.
Used 400-15'; JD 400 Rotary Hoe.
INDUSTRIAL: J.D. 840 Self Loading Scraper; Case 584 D. Fork Lift; Davis 30+4 Trencher.
SKID LOADERS: Owatonna 330 Hydro, real nice, NH L445 D Skid, NH L35; Ford CL40.
1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, AC 715B L & B.; IH TD14, Angle Blade, $2,995.
LOADERS & BLADES: J.D 48, 58, 143, 148, IH 1850, 2000, 2050, 2350; Case IH #90 Ldr., Like New; MF 246 Loader; Artsway HD loader for 4WD; (New) J D. & I H Buckets; JD 8' Dozer Blade For 4430, Etc.; JD 155, 9' Heavy Blade w/Hydraulics.
LAWN & GARDEN: (2) JD 1050s w/Power Steering, Dual Hyd., like new, JD 950 w/P. Steering, R G Dual Hydraulics; JD 950 w/Dual Hydraulics; JD 850 D w/Belly mower; Satoh D. w/3PT. Tiller; MF 205 D, IH 284 w/ Woods M ~~SOLD~~ & Front Blade, like new; Cub 185 Loboy w/Mower & 3 Pt., Cub 154 Loboy w/3PT & 60" Mower, Sears 24 HP w/Ldr., 3 Pt.; Sears 24HP w/Blade & Mower; Cadet 782; Cadet 1250, 128; J.D. 400, 318, 317, 314, 214, 212, 210, 111; AC 916 & 716 (SOLD); AC 620 w/3 Pt. & Mower; (New) Johnson Loader For Cub Loboy; Loader For JD 400; Kwickway Loader For Cub Loboy; New Yanmar YFL 1000 Ldr, New & Used York Rakes, Schutt 3PT Tree Digger
1975 Model Ford LTD Landau, One Owner, Fully Equipped.
ROTARY CUTTERS Used FMC 13
SICKLE MOWERS Ford 501 Sickle Mower, JD #10 Side Mount.
Manure Spreaders. Martin V3300 Tandem Tank, Martin Scavenger II Tandem Axle, NH 367 Flail Tank, NH 363 Flail, JD 54, NI 218 Tandem Axle, JD 465 Flail, JD 44
Trailer load of (New) Kilbros Bins & Running Gears, New Pequea 8T Running Gear, NI 45' PTO Elevator, JD 400 Grain Cart, Real Nice, New E-Z Trail 10T Running Gear, Leon Rock Picker, New Demco 500 gal Sprayer, Rex 400 Gallon Sprayer, Artsway 850A Wagon w/ Scales, Gehl BF190 Feed Wagon, Field Queen 1408 Side Dump Wagon, McKee 720, 84" 3 Pt Snow Blower, (New) McKee Snow-Blower Front-Mount, JD Quick-Couplers, JD 42" Cast Wheels and Tires, I H Flat Top Fenders For 706-1466, I H 66 Series Cabs; Ansel ROPS Cab For JD 2640, Etc., Ansel Cab w/ Air For JD 30 Series, Nice, (New) Full Vision Cabs For M F 275 & 285, Cab For Case 70 Series, Damaged IH 86 Series Cab, J D & I H Front & Rear Wts, JD 243 Corn Head w/Adaptor Plate
Ford Cabover w/Rollback, $3,850 As Is, IH 1890 w/18' Grain Dump, $4,975
Muv-All 30' Hyd Implement Trailer
JD Roll-Guards, New JD Roll Guard For 2840, 2940, Etc, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc
STRAW CHOPPERS For J.D. 4400, 6600, 6620, 7700, M F 510
MECHANICS SPECIALS: AC 7040 w/ Cab, needs motor work TRACTORS 4020 Tri.
CASE 1410 - Needs Motor
AC XT190, clutch, $3,950, JD 4520 w/ Cab, $6,950

New NI Corn Picker Parts: 323, 324, 325 Beater Units, H.D. PTO's, Elevator Extensions, Mechanical Lift Levers and Elevators

JUNE SPECIALS

TRACTORS	
JD 5020 w/Duals, as is	$ 4,000
JD 4020 D, P S	$ 5,450
JD 4010 D.	$ 4,750
JD 3020 D Tricycle	$ 4,950
JD 4620 w/Cab, Good Cond.	$ 9,500
JD 2940 w/Hi-Lo, 2 Post R/G	$12,500
I H 706 Gas, Trl, F H	$ 3,000
IH 706 D, WFE, 3 pt	$ 4,500
I H 1206 W F E	$ 5,950
Case 1976, 1370 C A P S, Duals	$ 9,750
Case 1470, 4WD	$ 4,950
COMBINES	
1973 JD 6600 D C A w/Grain Head (Needs Work)	$ 4,750
JD 3300 G w/Cab & 244 Corn	$ 5,400
IH '76, 915 D, Cab & Air, Turbo Hydro w/15' grain	$ 9,850
IH 815 D C A Hydro w/810 Grain	$ 8,850
M F 510 Diesel w/Cab & Q T Grain	$ 4,400
TILLAGE EQ.	
JD 230, 22' Hyd Fold Disk	$ 2,900
JD 2800, 7B Reset Onland Hitch	$ 5,900
Ford 142, 6x Spring Reset Plow	$ 1,500
IH 700 6x Spring Reset	$ 1,975
MISC.	
IH 400, 6R Liq Planter	$ 475
JD 7000, 4R 36" Plate w/Full Equipment	$ 2,500
JD 7000, 6R Liq. w/No-Till	$ 4,950
JD 7000, 4R 30" Liq	$ 3,000
New JD 8300, 16x10 DD Drill	$ 3,500

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JD 480-B Forklift, side shift, high mast, used every day .. $13,500
JD 4430, cab, air, quad range $15,500
JD 4440, 4 wheel drive, cab, air, quad range.. $20,500
JD 1520 diesel, PS, rabbit turtle . $4,800
JD 840 diesel, industrial tractor, PTO, remotes.. . $2,500
JD 630, 3 pt, WFE .. . Call
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JD 4440 Quad, 1982 model, fact. cab & air
JD 4430, Q, fact. cab & air, 1976 model, very nice
JD 4230 4-post, roll guard, fully equipped
JD 4020 dsls., trade-ins, selling as is.
Late JD 2640 w/reverser & 148 Ldr.
JD 2640 w/hi-lo, ind. PTO & JD 146 loader
JD 730 diesel, 3PT, WF, fenders, very nice, noise in 5th gear
JD 720 dsl., Pony motor
IH 4366, fact. cab & air, 20.8x38 tires w/axle duals, 3PT
IH 1086, 79 model, fact. cab & air, fully equipped
IH 986, 81 model, low hrs., 38" rubber
IH 986, fact. cab & air
IH 886 4-post, canopy w/new TA & clutch
IH 1466, red cab w/air, very clean
IH 1466, white cab, w/air
IH 1066 factory cab & air
IH 966 fact. cab & air
IH 1456 fender tractor w/20.8x38 tires
IH 856 diesel, 3PT, WF, 38" rubber
IH 806 dsl., WF, 3PT, 38" rubber, roll guard, nice
IH 806, WF, 2PT or 3PT
IH 706 dsl. 282. WF, 3PT
IH 706 ds SOLD w/cab
IH 584 dsl. 1000 hrs., w/quick tach ldr., very nice unit
IH 606 dsl. w/3PT
Farmall 230 w/fast hitch, cult., 2R mtd. planter, very nice, one owner
Farmall C v SOLD recent overhaul
Ford 9700 fender tractor
Ford 5000 Dsl., general purpose, sharp
Ford 4000 gas gear drive
MF 1085 w/ SOLD & air, very nice, low hrs.
AC 180 dsl., w/AC loader

HARVESTING EQUIPMENT

NI 801, cab, air, hydro, rear wheel assist, low hrs., very nice
NI 708, cab, hydro (local farmer must sell)
NI 707, Perkins diesel, cab
NI 704 Gas, late model
NI 702 Gas w/cab
NI 701 gas w/cab
NI 818 combine, very nice
NI 717 & 710 Combines
NI 727-737-838 Huskers
NI 767 S.C. & 760 Choppers
NI 740 & 741 Quick Tach Throats
NI Chopper Heads wide & narrow
NI 2, 3 & 4R heads wide or narrow
NI 325 12 roll narrow picker
NI 324 12 roll wide picker
NI 323 P SOLD nice
MF 550 Diesel Combine, cab & air
(2) New MF 1143 4RN corn head
Used MF 1143 4RN corn head
MF 13' flex w/U2 reel
MF 13 grain head
JD 4400 dsl., 79 model, 23" rubber, 1015 actual hrs., one owner, very nice
JD 213 flex head
(2) JD 443 4RN Corn Head
(2) JD 343 corn head, 3RN
Nice JD 300 Husker w/3RN Head

IMPLEMENTS

NH 520 spreader w/hyd. endgate, side ext., T-bar webb, 1 yr. old
IH 6000 Conservation til chisel, 13-tooth
JD AW Disc, 14'
11 tooth 3PT mtd. DMI chisel
2 3PT n SOLD isels, 10-13 tooth, like new
Krause pull type chisel, 10-tooth
IH 37 10' Disc
IH #8 Flail Chopper, low acres, nice

MISCELLANEOUS

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Year round cab for JD 3020 thru 4320
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IH 706 Diesel
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IH 70 hydro
IH 806 Diesel & gas
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JD 4030 w/4 post
JD 4230 fender tractor
JD 2950, 175 hrs., like new
JD 2510
JD 2510 diesel, power shift
JD 2940, 4WD
JD 2940
JD 2750, 200 hrs.
JD 2640
JD 2440
JD 2510 Gas
JD 2350
JD 2150 w/loader
JD 2150
JD 4020
New JD 950
New JD 750, 4WD
IH 3288 w/500 hrs.
IH 1086, cab & air
IH 1066, cab & air
IH 10 SOLD der tractor
IH 88 SOLD ost, roll guard
IH 68 SOLD 0 hrs.
IH 686, gas, 1,200 hrs.
IH 140 w/cultivator
IH 766
IH 826 diesel
IH 884, like new
Ford 5000 Gas
Ford 4610, like new, 690 hrs.
Ford 4000 SU
Ford 3400 w/loader
Ford 3 SOLD w/loader, sharp
Ford 2600 w/800 hrs.
Ford 2000
Ford 3000
AC 210 diesel
AC SOLD jas
MF 265 w/loader
MF 255 w/loader
MF 235
Kubota 305 DT, 4WD w/loader, 600 hrs.

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High Clearance, 4WD, Like New

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MF 200 crawler loader
JD 400 TLB
1979 IH dump truck w/DT466, new 5 to 7 yard dump body
Int. 7000 forklift
MF 40B forklift
Gehl 4510 skid steer
New Gehl 360 skid steer loader
JD 310A backhoe w/cab
Ford 420 backhoe w/cab
Ford 3400 backhoe

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Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
JD 3 t SOLD ollover
Int. 4 btm. rollover
Large selection of 3 to 7 btm. plows

USED COMBINES

244 JD corn heads
444 JD corn heads
443 & 643 corn heads
MF 540 combine, used 1100 hrs.
JD 4400 diesel, rotary screen
JD 4420, like new

USED PLANTERS

JD 7000 4 row liquid, conservation
JD 1240 plate planter, like new
New Woods 315 Bat Wing mower
New Woods 12' Bat Wing

Used Moore no-till grain drill

USED HARVESTERS

Fox Flail Head
Gehl Flail Head
Fox Custom 90
Field Queen 3 row wide corn head

HAY EQUIPMENT

M-C SOLD ary sythe
JD 337 w/thrower, new
JD 327 baler, like new
JD 336 baler, sharp
New JD 327 baler
NH 489 9' haybine
NH 478 7' haybine
NH 47 SOLD haybine
NH 46 SOLD haybine
JD 1207 7' haybine
IH 7' haybine, like new
NH 1033 bale wagon

MISCELLANEOUS

Large selection of smaller discs
NI 2 row narrow, 12 roll bed
NI Super Sheller, like new
NI 323 1 row picker
NI 2 row wide, 12 roll bed
Kewanee hydraulic fold 21' disc
JD 14' plowing disc
Moridge grain dryer, 400 bu.
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JD 7700 w/Cab, Diesel, 15-Ft. Rigid	$13,000
JD 4400 w/Cab, Gas, 13-Ft. Rigid	$ 8,000
JD 6600 w/Cab, Diesel, Gear - MECHANIC'S SPECIAL	$ 5,000
JD 4400 w/Cab, Gas, 13-Ft. Rigid	$ 5,000
AC "E" Gas, Gear, 10-Ft. Rigid	$ 2,250

GOOD SELECTION OF USED HAY AND FORAGE EQUIPMENT

Special Terms - Interest Waiver Until Sept. 1, 1988

NH 489 9 Ft. Mower Conditioner	$ 3,995
JD 5820 S.P. Harvester, Cab, Power Rr. Whl. Dr. w/4R30 Hay PU	$54,500
Field Queen S.P., Harvester, Cab, Updated 8-Knife Cutterhead, w/3R30, Hay P.U.	$14,500
JD 35 w/5½ -Ft. Hay P-U	$ 1,500
JD 16A Flail Chopper	$ 575
JD 716 Forage Wagon w/Roof JD 1075 Running Gear	$ 4,500
Grove Forage Wagon	$ 1,000

Tractors

MF 2745 w/Cab, Dual Wheels	$18,500
JD 3020 Dsl., S/R	$ 6,750
JD 301A w/ Ind Loader	$ 6,250
JD 3010 Dsl., S/R	$ 5,250
JD 3010 Dsl., S/R	$ 4,500
JD "A" w/Cult	$ 1,195
JD "B"	$ 995
AC 6140 MFWD w/ 450 Loader	$ 9,000
Ford 3000 Gas	$ 3,750
IHC 560 Dsl	$ 3,150
Farmall M w/ Snow Blade	$ 1,400
IHC Super "C" w/Cult	$ 1,395
Farmall "A" w/ Cult.	$ 1,095
Ferguson TO-20	$ 1,650

Disk Harrows

JD 220 17-Ft.	$6,250
JD 315 13-Ft.	$5,500
JD 110 14-Ft.	$2,750
JD BWA 13½ -Ft.	$1,950
IHC 350 13-Ft.	$1,500

Manure Equipment

JD 90 Skid Loader	$4,695
IHC 575 Spreader	$3,975
JD 40 Spreader	$1,450

Plows

JD 345H 4B16	$ 650
JD 345H 5B16	$1,150
IHC 7-Tooth Chisel Plow	$ 895
MF 4B18 Semi-Mtd.	$1,000

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JD 494A 4R36, Dry Fert.	$195
JD 1240 4R30, Liquid Fert.	$395
JD 7000 6R30, min-til coulters, liquid fert., insect., monitor	$2,500
JD 7000 6R30, min-til coulters, liquid fert., insect., monitor	$2,500
JD 7000 6R30, Dry Fert., insect.	$5,000
JD 7000 4R30 conservation, unit coulters, dry fert., insect., monitor	$5,250

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JD 7240 - 11 Row - No Til for corn and soybeans

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- New Gehl 3510 27 HP Skid Loader With Bucket — Price $9,775.00
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- New Gehl 6620 60 HP Skid Loader With Bucket — Price $20,150.00
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• New Gehl Forage Equipment has Delayed Payment or Low-Rate Finance or Cash Discount

- New Gehl 7200 Flail Chopper — Call For Details
- Used Hesston PT-10 9-Ft Mower Conditioner — Price $ 600.00
- New Gehl 760 Harvester hyd sharpener 1000 PTO — Call For Details
- New Gehl 1060 Forage Harvesters In Stock — Call For Details
- New Gehl HA 1110 6-Ft Hay Pick Up — Call For Details
- New Gehl HA 1210 7-Ft. Hay Pick Up — Call For Details
- Used CB600 Harvester 540 PTO — Price $ 1,495.00
- Used HA 400 Hay Head 5-Ft — Price $ 400.00
- Used Gehl Corn Head 1 Row, Good Condition — Price $ 250.00
- Used AC Harvester 2-Row Wide Corn Head Model 780 — Price $ 150.00
- Used Fox Harvester 1-Row Corn Head — Price $ 225.00
- Used Gehl 99 Blower — Price $ 1,195.00
- Used New Holland Model 23 Forage Blower — Price $ 425.00
- Used N H Model 26 Forage Blower — Price $ 995.00
- Used N H. Model 38 Flail Chopper — Price $ 895.00
- New Gehl 1310 Round Baler — Call For Details
- Used MF 10 Baler Less Thrower — Price $ 695.00
- Used Mower N.H. 7-Ft. Sickle Bar Mower — Price $ 695.00
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- Used Hay Tedder 2 Spinner Type, 3 Point Mounted — Price $ 895.00
- Used Gehl 640 Forage Box 16-Ft. With 12-Ton Chassis — Price $ 1,900.00
- New Gehl Forage Box 6x16 With Roof And 3 Beaters — Call For Details
- New Gehl Hay Rake 8½ -Ft. Hyd. Drive — Call For Details
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TILLAGE EQUIPMENT

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- New Glencoe 12½ Ft Field Cultivator — Price $2,700.00
- AC 3 Point Hitch Field Cultivator — Price $ 625.00
- Used Pull Type Drag Harrow 3 Section, 9-Ft Wide — Price $ 375.00
- Used 12-Ft, 3 Section Drag Harrow — Price $ 225.00
- Used Brady Field Cultivator 12-Ft Wide — Price $ 750.00
- Used IH 9-Ft Transport Disc — Price $ 795.00
- Used IH Pull Type Disc 10-Ft Cut. — Price $ 450.00
- Used Disc JD Pull Type 10-Ft Wide — Price $ 475.00
- Used MF 82, 3x16 Mounted Trip-Bottom Plow — Price $ 525.00
- Used IH Plow Automatic Reset Model 450 3x16 — Price $ 1,500.00
- Like New David Brown 3-Bottom Mounted Plow — Price $ 475.00
- Used IH Trip Bottom Plow 3x16 — Price $ 425.00
- Used Ford 2-Bottom Plow, 3-Point Hitch — Price $ 375.00
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MISCELLANEOUS

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- New Gehl 315 Scavenger Spreader In Stock — Price $ 8,100.00
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- Used Hawk Bilt 2195 Tank Spreader, Left Hand Outlet — Price $995.00
- Used Hawk Bilt 207 Tank Spreader Good Condition — Price $1,850.00
- Used New Idea 214 Manure Spreader — Price $ 1,500.00
- Used New Idea 244 8 5-Ton Webb Spreader — Price $2,800.00
- New Herd Fertilizer Spreader, 3-Pt Hitch, 9 6 Bushel — Price $ 650.00
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- New Arps 3-Point Hitch 7-Ft Scraper Blade — Price $325.00
- New Arps Heavy Duty 3-Point Hitch 7-Ft Scraper Blade — Price $495.00
- New Arps Heavy Duty 3-Point Hitch 8-Ft Scraper Blade — Price $575.00
- New 500 Gal Century Sprayer 35-Ft Self Leveling Boom Centrifugal Pump — Price $ 3,650.00
- Used 300 Gal Trailer Sprayer, Centrifugal Pump, 28-Ft Booms — Price $ 1,300.00
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- New 12-Ton Tandem Axles Wagon Gear, 15x8 Rims And Quick Hitch — Price $ 910.00
- New Demco 10-Ton Wagon Gear 15x8 Rims And Quick Hitch — Call For Details
- New Demco 12-Ton Wagon Gear 15x10 Rims And Quick Hitch — Call For Details
- New Demco 12-Ton Tandem Axle Gear 15x10 Rims And Quick Hitch — Call For Details
- Bale Feeder 10-Ft. On Legs — Price $ 335.00
- Bale Feeder 24-Ft Trailer Type. — Price $ 699.00
- Corn Planter Oliver 4-Row Wide — Price $ 250.00
- Corn Planter MF 2-Row — Price $ 375.00
- Ficklin Gravity Box 190 Bushel — Price $ 785.00
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COMBINES
65 To Choose From

- NI 702 dsl combine w/2 or 3R ear corn units
- (2) JD 45 w/10' Grain & 2R
- JD 55 w/12' Grain
- JD 45 Rback w/10' hume reel, nice
- JD 7700 diesel w/heads
- JD 6600 diesel, hydro, big rubber, rotary screen
- JD 6600 diesel, gear, $7,000
- (3) JD 4400 diesel, rotary screen, $7,000
- (3) JD 40 w/10' grain & 2R
- JD 45 square back w/2R 10' grain & cab
- 1980 JD 4400 diesel w/ heads, real nice
- 1977 JD 6600 side hill w/6R 30" & 14' grain, $19,500
- AC FKS dsl. w/heads $7000
- AC Gleaner F2, hydro diesel w/heads
- AC Gleaner M Dsl Hydro grain saver w/4R 30" black corn head & 12' grain
- Gleaner F2 w/heads
- Gleaner K w/10' grain & 2R corn, $4,000
- 1976 Gleaner FKS dsl 13' grain & corn head, real nice, $12,000
- (2) C-2 Gleaners w/4RW for 4RN & grain head
- Massey 300 w/grain & corn head
- Massey 82, $1,200
- Massey 35, 8' head
- MF 760D hydro w/heads
- MF 540 dsl, gray cab, duals, 1145 corn & 13' grain
- (4) MF 510 diesel w/head
- (4) MF 410 diesel w/heads
- MF510 diesel, hydro w/heads
- MF 410 diesel, hydro w/ heads
- (3) MF 300 gas, cabs & heads
- MF 300 diesel, quick tach w/ heads
- MF 205 gas, cab, 10' grain
- MF 82 2R corn & 12' grain
- 1983 MF 850, 28x26 tires, 1177 hrs., silver cab w/ grain 6R 30" or 4R 38", clean, one owner.
- Late MF 750 hydro diesel, just had $4,000 spent on it last fall, real nice
- IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
- IH 1440 Axle Flow w/1100 hrs, 28 [SOLD] es, 13' flex head w/6R 30"
- IH 1440 Axle Flow Combine w/grain & 4R corn
- IH 915 diesel, turbo, hydro w/ grain & 4 or 6R head, $13,000
- IH 815 dsl., hydro, late profile w/810 grain head & 844 4R corn
- IH 715, German dsl, w/810 grain & corn head
- IH 615 gas w/810 flex, 2 or 3R corn
- IH 403, gas, cab, 4R 30" & grain head
- IH 315 hydro, cab, bean flex head, 3R 30" or 2R 38"
- IH 205 w/grain 3R, 30" or 2R 38"
- IH 76 pull type, PTO w/bin
- NH TR70 Cat. diesel, 4 row 30", 13' grain
- NH TR70 Twin Rotary, Cat. dsl, cab, air, radio, 28x26 rubber, low hrs., nice
- NH TR70 Rotary, hydro V8 Cat. dsl. w/12' flex & choice of 4R 30" or 6R 30" or 4R 38" corn
- NH 1400 w/grain & 4R 38" corn, $8,000
- (2) Case 600, 10' Grain & 2R or 3R Corn

DISC HARROWS

- (2) off-set discs from 8' to 11'
- JD 10 to 14' RWA discs
- JD RWA 13' wheel
- 4 IH 37 10' to 13'
- MF Trail type chisel plow
- 2 JD 15' plow discs
- Ford 18' wing disc, nice
- JD 15' field cultivator
- Athens 3PT chisel plow
- 10 & 12 tooth trailer chisel plows
- 3PT 8' disc
- 8, 10, 12, & 14' Wheel Disc
- 7 & 8' drag discs
- Good selection of wheel discs

GARDEN TRACTORS

- AC 16HP w/mower
- MF 12HP hydro. w/mower
- Cub Cadet 10HP w/mower
- Cub Cadet 8HP w/mower
- MF 12HP hydro. w/mower
- Cub Cadet hydro. 12HP w/ mower

TRACTORS

- (3) Ford 850 gas, 3PT
- VAC Case w/Eagle hitch
- Late Farmall H w/side mtd. IH mower
- AC 190, gas, WF, 3PT
- AC WD w/power steering
- Farmall Super C w/Cult, Plow & Planter
- Farmall C w/cult.
- Farmall BN w/cult.
- Farmall M, WF, w/10' side mtd. highway mower
- Oliver 1600 gas w/3PT
- Oliver 1755 dsl, WF, w/rod out motor
- Farmall F20, all orig
- Farmall Super A w/plow & C mower
- Ford 9N, all original
- C Allis w/belly mower
- IH 450 gas, PS
- IH 350, diesel w/PS
- IH 656 gas, NF
- IH 560 Gas, FH, $2,000
- IH 450 dsl. w/PS & fast hitch
- IH 706, [SOLD] NF
- IH 504, power steering, 3PT
- IH Hough Payloader
- IH 400 gas w/P.S.
- IH 400 Dsl. w/power steering
- AC Road Grader, good running, new paint
- Farmall A [SOLD] mower
- Ford 1952 8N w/hr. meter
- Oliver 88 gas
- Oliver Crawler w/Roll Guard
- Farmall M, late model
- Ford 5000 Tractor, late model overhauled, new paint, new tires

FORAGE HARVESTERS

- IH #5 Flail Chopper
- Gehl 600 w/heads
- IH 350 1R Harv.
- IH 720 w/2R corn heads
- NH #822 2R 30" corn head
- IH 55 2R & pickup
- 2 NH 33 Flail Choppers

WIDE FRONT ENDS

- MF 65
- Massey 44 & 444
- Massey 101, 30 & 33
- IH WFE (2), fits 460, 560, 656, 666, 706, 806, 756, 856

SPREADERS

- IH 540 w/hyd. gate, $1375
- NI 3-beater spreader, nice

CORN PLANTERS

- IH 400 air, 4R, $1200, nice
- 2 IH 400, air, 4R no-till
- 2 White 6R no-till
- 2 AC 4R Plate
- 2 JD 290 2R, pull type
- JD 2R 3PT, nice

CORN PICKERS

- IH 560 gas w/IH 234 picker
- NI #10, 1R
- Blue Ford 3 pt. 1R
- NI #7, $500
- NI 325 2R 30" pull type
- (2) NI late 323 1R
- Oliver 73 2R 38" pull type $750
- NI #7 1R pull type $500
- Woods Bros 1 row

ROTARY MOWERS

- JD 3PT & pull type
- 2 Woods 7' trailer
- 20 New 6' 3PT IHMC
- 3 pt. 6, 7 & 8'
- Also pull types

PLOWS

- JD 7x16 reset on-land hitch
- 2 JD Trailer 9 & 10 tooth chisel plows
- IH 540 4 btm. 16", new bottom
- JD 4 & 5 btm.
- IH 3, 4 & 5 btms.
- Ford & JD 3PT 2-btm.
- Oliver 6-btm. 16" on land hitch
- Ford 3-btm. 16", auto reset
- 15 plows, 2 to 7 bottom

HAYBINES & RAKES

- NH 479 Haybine
- IH 990 Haybine
- IH 275 self-propelled 10' w/10x24 tires
- IH, JD & NI steel wheel rakes
- Hesston 10' hydro-swing center pivot hitch, $2850

MISC.

- JD 6R 3PT cultivator
- IH 4R 3PT cultivator
- Case Bale & Grain Elevator, $485
- JD Unloading box w/wagon
- 1976 Trail EZ, 48' Combine Trailer, good shape, now in use.
- IH 56 Blower w/heavy shaft, $675
- Grain & Hay Elevator, $325
- IH 3-beater wagon w/roof
- MF loader, hyd. bucket
- Snowco 45' auger elevator on transports
- Ford 3PT cultivator
- JD 4R cultivator
- IH Front Mtd. cultivator
- Gehl Grinder-Mixer, 785
- 3PT fertilizer spreader
- Combine dual wheels & tires
- Century 500 gal 12R PTO trailer sprayer, real nice
- Sickle bar mowers, 3 pt. semi & trailer types
- IH Loaders to fit C, Super C, 200, 230, H, M, 300, 350 & 300 & 350 utilities
- MF Loader fits T020, T030, 9N & 8N

NEW 3 PT. EQUIPMENT

- Post Hole Diggers
- Snow, Dirt, Manure Blades
- Stone Rakes
- Rotary Cutters
- Box Blades
- Discs
- Bale Movers
- Hay Tedders
- Finishing Mowers
- Potato Plows
- New Trailers, all sizes
- Fert. Spreaders
- Cement Mixers

FINANCING OR LEASE AVAILABLE

CORN PLANTERS & DRILLS FOR PARTS

SAFEMARK DEALER

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

IH TD5 Crawler, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 444, 400, 350, 340, 300, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12 JD M, 4020 dsl, 4010, 3020 dsl, 3010, 2020 Dsl, 2010, 720, 70, 60, 50, A, B AC 180, D14, D15, D17, D19, WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 65, 44, 33, 30, 20 Case 600, 300, DC, SC, VAC Ford 6000, 4500, 4100, 4000D, 960, 861, 860, 800, 800, 641, 600, 8N, 9N Oliver OC3 Crawler, 1800, 88, 77, 70, 66, 60 Crawler D2 Cat & Oliver MM 5 Star, R Z, E3 Coop, David Brown 990

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- VH4D-LB, 30 HP ..... as low as **$1,495**
- VH4D, 30 HP, LB Bobcat Repl. ..... as low as **$1,395**
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- VH4D Crankstart With 4-1 Clutch Reduction **$1,995**
- WI 588, 16 HP Elect. **$645**

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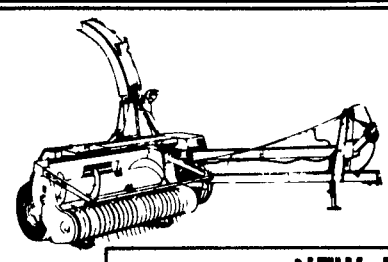
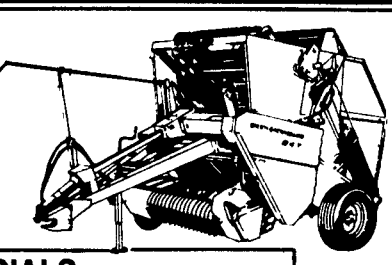

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NEW EQUIPMENT SPECIALS

NH 770W Pickup Head (Demo) $1,600
NH 353 Grinder-Mixer, Like New ..... Call for Price
NH 718 Harvestor (Rental Model) $5,700
Cash Discount $500
Total Cash Price $5,200

Many more items in stock
Check our inventory & price before you buy.

Free Financing on Hay & Forage Equipment until 9/1/88
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5.9% - 24 Months
7.9% - 36 Months
or
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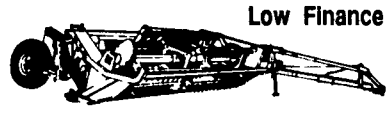
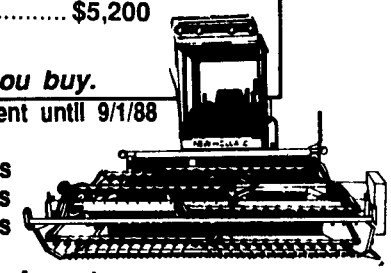

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TRACTORS

1968 JD 3020 Gas, WF, 3600 hrs., very nice
JD 2940 Dsl., 2400 hrs., very good
JD 2640 Dsl., Hi/Low, Ind. PTO
JD 2030 Dsl., Hi/Low, Ind. PTO w/145 Loader
JD 1530 Dsl., Very Nice
JD 830 Dsl., 3 Cylinder, Utility, 3PT, P. Steering, excellent
IH 1066 Dsl. Cab & Air, 20x38, New TA & Clutch
IH 966 Dsl. SOLD Year Round Cab
IH 986 D SOLD b & Air
IH 140 w/Woods Mower
1985 IH 84 Hydro, 500 hrs., excellent SOLD
MF 165 Dsl., 3PT, P. Steering, WF
MF 85 Gas, WF, P. Steering, Ind. PTO
MF 50 Gas, 3PT, P. Steering, Wf, exceptionally nice
Case VAC w/Hydraulic Side Mounted Mower
Ford 2000 Gas, 3PT

CORN PICKERS

NI 708 Cab & Air, Hydro, 737 Husking Bed, 4RN Corn Head & Sheller Attachment
NI 324, 2RW 12 Roll Bed, Late Model
NI 323, 1R, very good
NI 319, 2R Mtd. w/12 Roll Bed, very nice
JD 300 Husker, 2 or 3R Head, 3 to choose from, excellent condition

Deutz Fahr Hay Tedders
2, 4 and 6 Star
10' 17½' 24'

NEW ARRIVALS

JD 340, 12' Offset Disk Harrow, 26" Blades
NH 1037 Bale Wagon, Tandem Axle, 105 Bale Capacity
NH 1034 Bale Wagon, Tandem Axle, 105 Bale Capacity, Single Bale Unload
NI 325, 2RN, 12 Roll Bed, Late Model, Very Nice
JD 3020 Dsl., P. Shift, WF

CORN HEADS

JD 2 SOLD W
JD 243, 2RN w/Adaptor Plate
JD 343, 3RN Corn Head
JD 443 Low Profile 4RN, excellent
JD 443, 4RN
JD 444, 4RW
JD 643, 6RN, Low Profile
JD 643, 6R 30
JD 235 2RW 45
AC A630 to Fit M2 or L2
IH 843, 4RN
MF 43 4RN Corn Head
MF 44, 4RW Corn Head
MF 1143, 4RN
MF 1144, 4RW Corn Head
MF 1 SOLD RN

Good Selection of Late Model Quality Heads

TILLAGE

IH 720, 4x18 Toggle Trip, Like New
IH 720, 5x18 Spring Reset Plow
IH 710, 4x18 Plow
IH 710, 4, 5, & 6x18 Spring Reset
JD 2800, 5 Bottom Onland Hitch Plow
JD 2500, SOLD x18 SR Plow
JD 1600, 12 Tooth Pull Type Chisel Plow
JD 3x16 Rollover Plow
Brillion 14' Cultipacker w/ Transport
Brillion 12' Cultipacker
JD 230, 20' Hydraulic Wing Fold Disk
JD TWA 12' plowing disk, very nice
JD AW 12 & 13' Disk Harrow
MF 7 Tooth Pull Type Mulch Tiller
Lely 12' Rottera

COMBINES

NH TR95 Cab & Air, Hydro, Rear Wheel Drive, 900 hrs., one owner, very nice
1982 JD 6620, Hydro, Cab & Air, 4WD, Turbo, Excellent Choice of Heads
1978 JD 4400 Dsl., Cab & Air, 23" Rubber, very nice
1972 JD 4400 Gas, Good Solid Machine, Choice of Heads
1975 JD 4400 Dsl., Cab, Air, 1190 hrs., 23" Rubber, very good, Choice of Heads
JD 3300 Gas, Cab w/10' Grain Table
Corn & Soybean Chopper to fit JD 3300-4400
New JD 215 Flex Head, $7450 FOB
JD 213 & 215 Flex Heads
IH 820, 15' Flex Head
1980 Gleaner F2, Cab & Air, 23" Rubber, Flex Grain Head, 900 Hrs., Exceptional Condition, One of A Kind Machine
MF 510 Gas w/Cab, Quick Tach Head, Local Trade

Farmco Bale Wagons 8x18,
8 Ton Gear,
Adjustable Tongue

TRACTORS WITH LOADERS

MF 202 Loader Tractor, 3PT & PTO

HAY EQUIPMENT

JD 530 Round Baler, excellent
JD 346T Baler w/30 Ejector & Hydraulic Bale Tension
NH 846 Round Baler, Hyd. Wrap, very nice
NH 277 Baler w/Thrower, very nice
NH 269 Baler w/Bale Chute, very good
NH 495, 12' Haybine
NH 489 H SOLD e, very good
NH 478, 7' Haybine
NH 467, 7' Haybine
IH 440 Baler w/Thrower, excellent
IH 241 Round Baler
IH 720 Harvester w/2R C.H., very nice
JD 1209 Mower Conditioner
JD 121 SOLD er Conditioner, excellent
NH 851 Round Baler
NH #90 Bale Mover
JD 5400 SP Harvester, Cab & Air, 1170 hrs., one owner, 4WD, Choice of Heads
JD 5200 SP Harvester, Cab & Air, 4WD, very nice, Choice of Heads
NH 782 Harvester w/2R Corn Heads & PU Head
JD 7" Hay Pick Up w/gauge wheels
JD 5½' Hay Pickup
JD 3RN Forage Corn Head
NH #8 forage wagon, tandem axle, 3 beaters w/roof, very good
NH 256 Hay Rake w/Dolly Wheel
Pequea PTO driven hay tedder

BALE WAGONS

NH 1033 Tandem Axle, 105 Bale Capacity SOLD
NH 1003 Single Axle, 80 Bale Capacity, Used 2 Seasons
NH 1012 Bale Wagon, Single Bale Unload, 60 Bale Capacity

CORN PLANTERS

JD 7000, 6R Cons. Liq. Fert., Insect., Monitor, Markers
JD 7000, 4RW, Liq. Fert., Insect., Monitor

MISCELLANEOUS EQUIPMENT

JD 605 Tandem Axle, fert. spreader
NI 42' Hay & Grain Elevator, PTO or Motor
Parker & Turnco Gravity Wagons
NI 213 single beater spreader, 160 bu. w/hyd. end gate
JD 750 Grinder Mixer w/Hay Feeder Attachment, like new
IH 1850 Loader, w/Valve, excellent
Farmhand Loader to Fit IH 560 thru 686
18x38-18x34-20x38 Duals
Cab to fit JD 2840's and 2940's
Cab to fit IH 706 thru 1256
JD Roll Guard, Fits 1020 to 2640 Tractor
JD 400 Rotary Hoe
Donahue Equipment Trailer
Kelly 3 Pt. Backhoe, (NEW)

Mechanic's Special
JD 215 Flex Platform,
$2250

Good Selection of Late Model JD & IH 4 & 6R Cultivators

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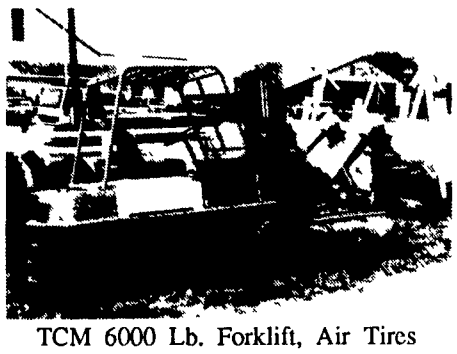
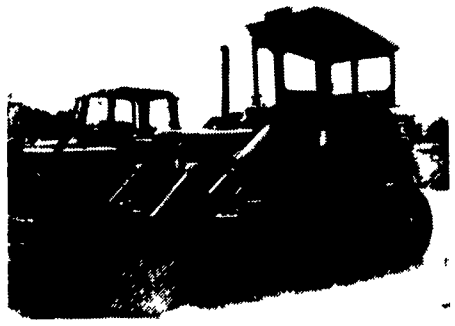
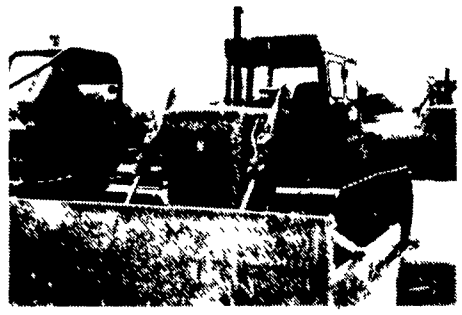


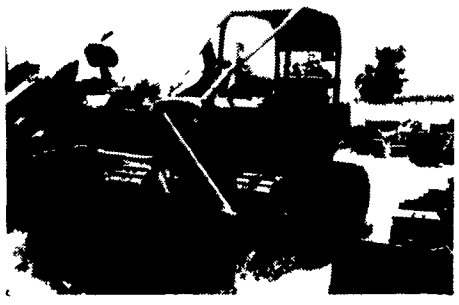
TCM 6000 Lb. Forklift, Air Tires
$6,900



Cat 955L— **$29,500** (2) Cat 933— **$10,500** each
Cat 955K— **$27,500** Cat 951B— **$19,500**
(2) Cat 951C's— **$22,500** each
(2) Cat 931's— **$19,500** each



Cat D4D Powershift Dozers
Choose From 2
$22,500



JD 450 Dozers
Choose From 7
(1) With Winch- **$6,900**
(1) 6 Way With Winch- **$7,900**
(2) 1973's- **$12,500**
(1) With hoe- **$14,500**
(1) With 6 Way- **$18,500**
(1) With 6 Way- **$22,500**

JD 450 Crawler Loader Backhoes
Choose From 9
$14,500 to $19,500

JD 450 Crawler Loader
$11,500 to $12,500
Choice Of 4

JD 555 Crawler Loaders Choose From 4
With Cab- **$18,500 to $27,500** w/ Hoe

CONSTRUCTION EQUIPMENT

NEW 1988 TRAILERS ON SPECIAL

- 2 Axle, 5 Ton, 14 Ft. $1,695
- 2 Axle 5 Ton, 16 Ft. $1,795

(31) DOZERS

McCormick T20 .....$2500
Cat D2 .....$2900
Oliver HG $3500
JD 440 .....$3900
IH T5-6 Way $3900
IH 340 6 Way $3900
JD 350 .....$5900
IH TD9-92 .....$6900
(2) Case 450 .....$6900
JD 450 w/winch $6900
JD 450-6 Way-Winch $7900
IH 500 C-6 Way $7900
JD 350 6 Way $12,500
(2) JD 450 .....$12,500
(2) JD 350B-6 Way ..... Each $14,500
Komatsu D30 Cab $14,500
JD 450 w/ Hoe $14,500
Case 450B-6 Way $16,500
Cat D3-6 Way $18,500
JD 450-6 Way $18,500
(2) Cat D4D $22,500
(2) Case 850B-6 Way $22,500
JD 450- 6 Way-Cab $22,500
Cat D6C $26,500
JD 750 .....$29,500
Case 1150C-Cab-Ripper $34,500

(13) FORKLIFTS

Oliver 550-RT $4000
AC 5000 Lb. $4900
White 4000 lb. $4900
AC 4000 lb. $6900
TCM-6000 Lb. $6900
Baker 4000 Lb. $7900
Komatsu 5000 Lb. $7900
Yale 5000 Lb. $7900
Ford 28'-RT $8900
AC 1600-21' $10,900
Case 584-21' $12,500
Skytrack $13,500
Cat 12 Ton $17,900

(7) TRUCKS

1977 Chevy Step Van $2900
1982 Dodge 1 Ton $3,900
1978 Chev, Window Van $4,000
1964 Mack Dump. $4,900
(3) 1981 GMC Tandem Rollbacks $32,500

MISC. CONSTRUCTION

(100+) Used Hoe Buckets.. Come Look
(30) Loader Buckets.. Come Look
(30) Set Forklift Forks..... Come Look
Sweeper Attach $495
Ford 4500 ROPS $650
Case Roller $900
Ripper For Cat 933 .....$1500
(4) Tree Planter .... $695-$1800
(4) Winch Attach ... $1000-$3750
1 Ton Roller $2500
(3) JD Hoe Attach ... $2500-$4500
(2) Joy Air Compressor $2500
Tree Shearer $2900
Huber 3-5 Ton Roller $2900
Davis D100 Hoe Attach $3000
MF Hoe Attach $3000
8' Sheepsfoot $3900
Huber Maintainer ..$3900
Long 1199A Hoe Attach $3900
(2) Wood Chopper $3900
Eager Beaver 2 Ton Rubber $4000
Kelly 3 Pt. Hoe $4350
Case 450 Hoe Attach $4500
Prentice 100 Log Loader $5900
AC D Grader $5900
Diesel Wood Chopper $6900
Huber Maintainer $7900
Wayne Stump Grinder $8900
JD 760 Scraper..$18,500

(17) RUBBER TIRED LOADERS

Hough 50C $3900
Davis Articulated ..$4900
Case W7 .....$4900
Michigan 55-Cab $5900
Trojan-Cab $6900
IH 500 .....$6900
Case W14 .....$6900
Hough 50C-Cab $7900
Hough 60 Cab $8500
Waldon w/Hoe $10,500
Ford A62 .....$16,500
Fiat 745 .....$18,500
JD 544 .....$19,500
Case 730 .....$22,500
Cat 910 .....$23,500
JD 544B $28,500
JD 644B $34,500

(43) CRAWLER LOADERS

Oliver HG $2500
Oliver OC3 .....$3000
JD 2010 .....$3900
JD 440 .....$4900
JD 350 .....$6900
(3) JD 350 ..$9500 to $10,500
(2) Cat 933F $10,500
(4) JD 450 .... $11,500-$12,500
AC 655-4 in 1 .....$11,750
AC H4 w/Hoe $11,500
(3) JD 350 w/Hoe $14,500
(9) 450 w/ Hoe.. $14,500-$19,500
Komatsu D31-Cab $18,500
JD 555 .....$18,500
Cat 951B $19,500
Case 450B $19,500
(2) Cat 931-Cab $19,500
(2) Cat 951C-Cab $22,500
IH 175C $24,500
JD 755 Cab $26,500
(3) JD 555-Cab-Hoe $27,500
Cat 955K $27,500
Cat 955L $29,500

(15) TRAILERS

1X Tag-A-Long $1250
1988 2 Axle 5 Ton ..... $1695—$1795
1986-12 Ton $5800
25 Ton Lowboy $7900
1980 Phelan 25 Ton $8900

(15) TRACTORS WITH LOADERS

Case 530 .....$2900
IH 2500 .....$3500
MF 35 .....$3900
MF 202 .....$4500
White 2-63 .....$4900
Kubota B7100 4WD $5450
White 2-44 .....$5900
MF 40 .....$6900
IH 2400B $6900
IH 2500A $6900
Ford 2110 .....$6900
Ford 3500 .....$6900
Ford 3400 .....$6900
Ford 515 .....$7900
Ford 335 .....$9500
IH 260A $8900
JD 750- 4WD-Demo $9500

(5) LOG SKIDDERS

JD 440A $9500
JD 540 .....$9500
Timberjack 230...$16,500
JD 540B Grapple $16,500
JD 640 .....$22,500

(28) BACKHOES

IH 2504 .....$2900
MF 3165 .....$4900
IH 3514 .....$4900
MF 204 .....$5900
JD 400 .....$6900
JD 300 .....$6900
IH 3800-4WD $7500
JD 500C $8000
MF 20 .....$8900
JD 300 .....$8900
MF 2200 .....$9500
Case 580B $9500
MF 40 .....$9800
JD 310 .....$10,500
Kubota L275-4WD $11,500
(3) Case 580B $12,500
IH 260 .....$13,500
Case 480C $14,500
(4) JD 410's . $15,500-$16,500
JD 310A $16,500
Long 5 in 1 .....$17,500
JD 510 .....$17,500
Case 580B $20,000

(8) SKID STEER LOADERS

JD 170 .....$2900
Case 1816 .....$3500
Case 1845 Diesel..$4450
NH L555 Diesel $4500
(2) Clark 533 .....$6500
Case 1835 Diesel..$9900
Case 1835B $10,900

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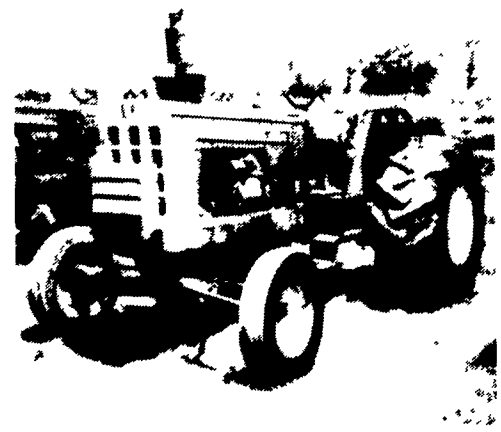

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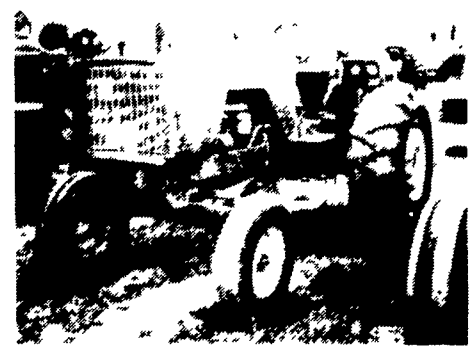

AC 180 Diesel- Rear Weights, 2 Valves, 3 Pt , Toplink, Good Original Paint, Fair Tires, Runs Out Good.

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IH 1206 Diesel- 4700 Hours, 1966- Original (Good) Paint, 24.5x32 Tires (40%), 2 Remotes.

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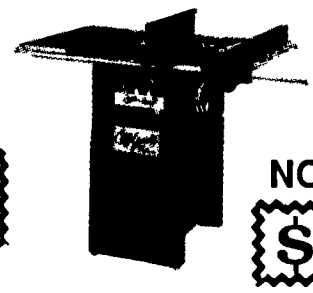

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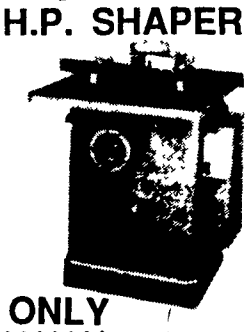

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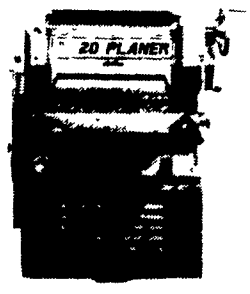

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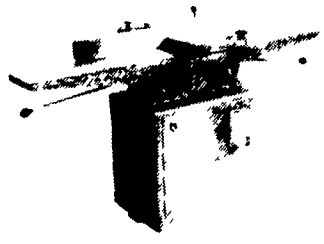

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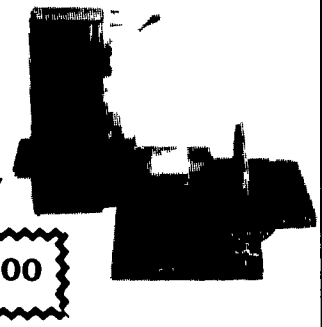

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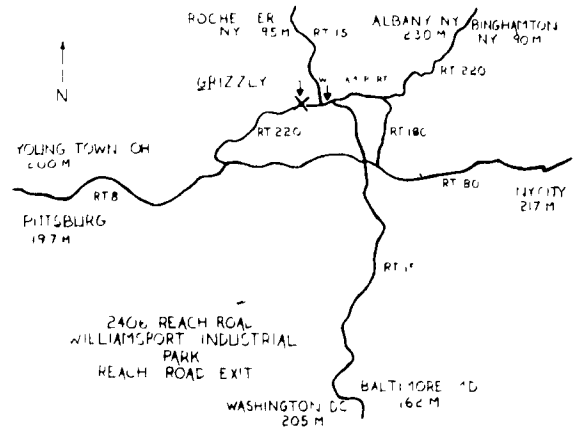

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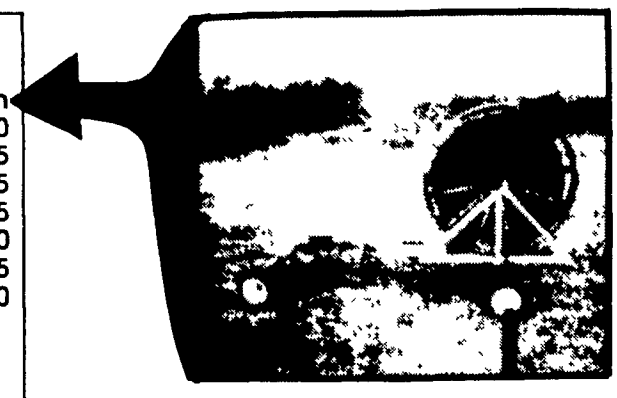

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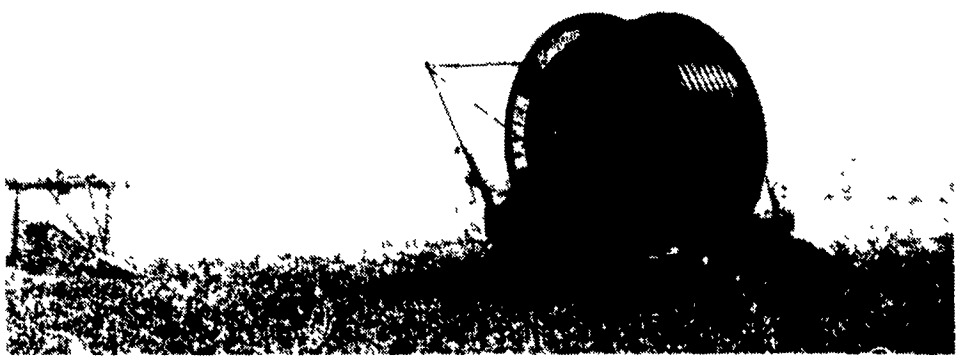

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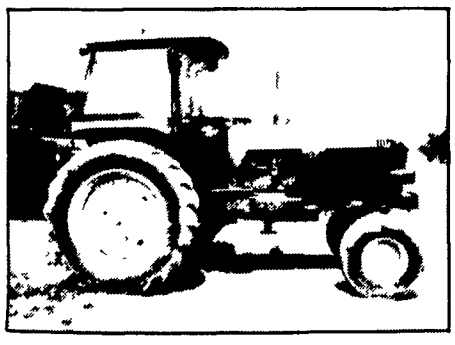

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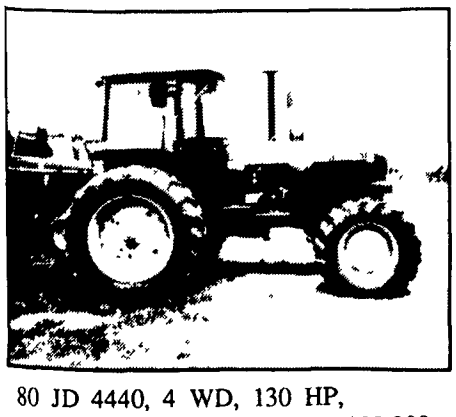

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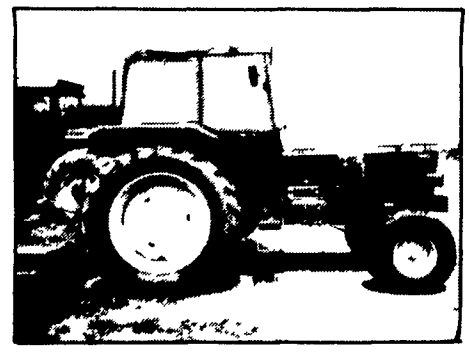

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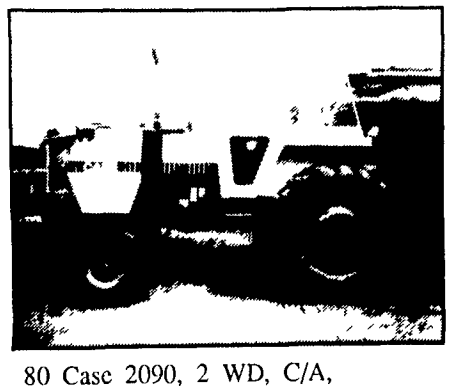
WE HAVE OTHER TRACTORS AVAILABLE - CALL FOR ADDITIONAL LISTINGS



80 Case 2090, 2 WD, C/A, 1700 Hrs., 18.4x38 (70%) $14,900

83 Case 2290, 4 WD, 130 HP, C/A, 3139 Hrs., 18.4x38R $20,900

71 IH 826, 92 HP, Cab, 4400 Hrs. $5,400

76 IH 966, 95 HP, 4 WD, Cab, 6400 Hrs., 18.4x38 (70%) $9,900

78 JD 2640, 70 HP, 2 WD, 4500 Hrs., 15.5x38 (50%) w/146 Loader $9,450

88 JD 2555, 4 WD, 65 HP, 0 Hrs., 18.4x30 ..... $21,950

78 FD 8700, 110 HP, 2 WD, C/A, 2090 Hrs., 18.4x38 (50%) $13,900

NEW! BOLTS IN STOCK NEW!
By The Pound

USED EQUIPMENT

TRACTORS
- Case 430
- Case 730
- Case 1030
- Case DC Tractor
- Case 2470 Tractor
- 1390 Case Tractor
- White 2-105 Tractor
- David Brown 990 w/Loader
- David Brown 1200
- 656 Int. w/2000 Loader

LOADERS
- Case 1816 Loader
- Case 1830
- Case 1845 Diesel
- Case 1737 Loader
- Case 450 Crawler Dozer
- Case 1830 Uni-Loader
- IH 2000 Loader

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NH 488 Windrower
- NH 499 Haybine
- Hesston PT 10
- Hesston 1010 Windrower
- Hesston 1090 Windrower
- JD 1209 Windrower
- Case 650 Windrower
- NI Rake
- NI 456 Round Baler
- NI 484 Round Baler
- Hesston 4600 Square Baler
- IH 27 Baler
- IH 445 Square Baler

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston 2000-100 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 705 Uni-Tractor
- NI 768 3-Row Head
- NI 709 Uni-System
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- Gehl 800 Harvester

TILLAGE
- IH 6-16 Auto Reset Plow
- IH 10 Ft. Disc
- Int. 2-Bot. Trailer Plow
- JD 18 Ft. Field Cult.
- 7-Tooth Soil Saver
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- Case 13' Disk, F21
- JD 210 Disk
- Kawanee 10 Ft. Disk
- Oliver 22' Disk
- Oliver Disk
- Used Cultipacker
- Vicon Rotary Harrow

MISCELLANEOUS
- King Wise 32' Elevator
- Smoker 24 Ft. Elevator
- NH 36 ft. Elevator
- Gehl 99 Blower
- JD Blower
- IH 56 Blower
- IH No. 10 13-Disc Drill
- JD 7000 4-Row Planter
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 224 Spreader
- IH 595 Spreader
- Gehl 350 Spreader
- Martin 1575 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- IH 510 16x7 Grain Drill

HESSTON FARM EQUIPMENT

NEW SPECIAL
NEW IDEA 404
WHEEL RAKE
$1,250

NEW IDEA

case IH

HESSTON THE PRIME LINE

Tight, uniform bales from a maneuverable center-line baler!

Hesston Beeline Baler...
Model 4600 (14" x 18")

The Model 4600 Beeline Baler uses Hesston's exclusive Centerline design to move crop straight through from pickup to finished bale No cross augers or sweep arms that means less maintenance and high capacity baling

Hesston's exclusive preformed flake system means better hay distribution throughout the bale Bales break open evenly when feeding time comes and, because of the positive bale-length control, mechanical bale stacking is precise and easy

Field and road position are one in the same so you save time opening fields and transporting

Model 4600 In Stock...
Cash Discounts or Waiver Til Oct. 1
On Tractors And Hay Equipment

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new condition, portable, $14,000
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1980 MF combine 540 diesel, 13' grain head, 4 row wide corn head, like new condition. $14,000 Firm
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WE HAVE HAY EQUIPMENT... TAKE A LOOK...

JUST RECEIVED: Shipment of New Farmco 8'x18' Bale Racks. Also: In Stock, Steel & Wood-Side Bale Racks.
FLAIL CHOPPERS: IHC 8; NH: 33.
BLOWERS: IHC: 56, Like New; NH: 25; KOOLS: 54.
STACKHANDS: HESSTON: 10, 30.
FORAGE HARVESTERS: NH: 890; 770. GEHL: 750.
HAY BALERS: NH: 310 w/Thrower; 275; 268; 852 Round Baler. JD: 346 w/Thrower; 224T w/Thrower; 24T w/Thrower; MF: 12.
HAYBINES: NH: 489; 488; 477; 472; 467. IHC: 1190, 7'. HESSTON: 1091; 1090; 1071; 1014 w/Hyd. Swing; 1010 w/Hyd. Swing; PT-10; PT-7' Disc Bine, Like New. JOHN DEERE: 1207. NEW IDEA: 507, 7', Like New.
HAY RAKES: NEW HOLLAND: 259; 56. IHC: 35 Hyd.; 35. FORD: 513. NEW IDEA: 402.
CUT/DITIONERS: NEW IDEA: 279; 272; 270. For That Down, Wet Hay.
HAY TEDDERS: GRIMM: PTO & Ground Drive. KUHN: Centipede. FAHR: Centipede Star.
HAY MOWERS - LARGE SELECTION: 3PTH, Mounted, Semi-Mount, Fast Hitch & Trailer Models.

...AND PLOWS AND TILLAGE...

SEMI MOUNT RESET PLOWS: IHC: 710-3, 5, & 6-Bottom. JD: 350-5X. AC: 4 & 5X - 3 Pt. Reset. IHC: 450-3X. KNEVERLAD: 3X. JD: 350 4X. ALSO: 8', 10', 12' & 14' Transport Discs. KEWANEE: 12' Cultimulcher. **SOIL SAVERS:** BRILLION: 5 Shank. TAYLORWAY: 16 Shank Trailer Chisel Plow, Like New. TYE: No-Till Seeder, 3-Pt. JD: 1500; 3-Pt. No-Till. BRILLION: 10' Cultipacker Seeder, Also, 5'-3 Pt. Cult. Seeder, Like New; 12' Landroller NEW: 3-Section Chain Harrow, 12'.
2 & 4 ROW 3PTH CULTIVATORS.

...CHECK OUT THESE USED TRACTORS...

AC: 7040, Powershift; 6080 2 & 4WD; 6060 2 & 4WD; 6060 w/Cab; 5040; 190XT; 185; 175; 175-D w/Loader; 160 w/Full Hyd. Loader; D-17S; G-w/Hydromatic & Cultivator.
DEUTZ: 6806; 6806 w/Cab; 6206; DX 130 4WD, 1000 Hrs., Very Good, w/Cab; 6006.
FARMALL: Cub w/Mott Mower; Cub Lowboy w/Belly Mower.
FORD: 7600- High Clearance; 6600; 5000 w/Cab; 4000; 851; 800; 600; 8N w/Forklift; 515 w/Hyd., Side Mount Rotary Mower- Very Clean, Low Hours.
IHC: Super A; Cubs; 656; 140 w/Highway Mower; 2410B; 2500 Series B- 3PT Tractor Loader.
JD: 3020-D; 2520; 401, Ind. w/Hyd. Highway Mower.
KUBOTA: 7100 HST; 7100 4WD; 4050; 235 Tractor/Loader/Backhoe, 4WD.
MASSEY FERGUSON: 175; 135; 65 w/Loader; 30 Ind. w/Front Loader; 40 w/Front Loader.
OLIVER: 1550.

MANURE EQUIPMENT...

NEW: FOR IMMEDIATE DELIVERY: HEDLUND MARTIN Liquid Tanks & Manure Pumps. ALSO IN STOCK: 4 Sizes SCAVENGER Spreaders.
PUMPS: CALUMET Lagoon Pump; HEDLUND MARTIN Lagoon Pump; BETTER BILT 8' Pit Pump In Very Good Condition; NEW IDEA Basin Pump; BADGER BN184 Lagoon Pump
USED: MARTIN Equalizer Manure Loader; V-MODEL Manure Spreaders, 2900 & 2200 Gallons EQUALIZER Manure Loader; NI 1500 Gal. Tandem Vacuum; Box Spreaders, NH: 516T; 329, 512, NI 213 Flail STARLINE: Tank Spreader, Tandem Axle, Left Hand. VANDALE. 2200 Gal Liquid Manure Spreader. FARMHAND: Right Hand, Tandem Tank Spreader
ALSO: Mini 15 Bushel Spreader

NEED INDUSTRIAL EQUIPMENT? LOOK AT THESE PIECES...

PAYLOADERS: MF. 356 w/Buckets & Forks. AC: 840 w/Log Forks & Grapple 640 Articulated Payloader, ¾ Yd.; 840 1½ Yd. Articulated Payloader. We Also Have A 1.7 Yd Articulated Payloader.
TAG-A-LONG TRAILERS IN STOCK: 4, 5, 9, 18 & 20 Ton. We Also Have A MILLER Blacktop Curber A New 22' Forklift. 15' Tractor-Loader-Backhoe.
SKID STEER LOADERS: NH: 250, Like New; JD 125; NH L445 Diesel; 779 Diesel. RAYGO 2-Ton Vibratory Roller. FARMI 3-Pt. Logging Winch.
NEW: ASPLUNDH CHIPPERS IN STOCK.
LOADERS: AC: 655 Crawler/Loader (1 Yd.). JD: 350 Crawler/Loader.
TRACTOR-LOADER-BACKHOES: CASE: 580 B; 580-D. FORD. 555, 715-C. AC. 715 C, 715, 615
CRAWLERS W/BLADES: JD: 350-B. IHC: 500-C.

AND, OF COURSE, THE MISCELLANEOUS MACHINERY:

WE HAVE NEW WIC EQUIPMENT. Silage Carts; Bedding Choppers And Blowers w/Roller Mill
FARMBILT: Feeder Wagons, 20' & 24'. Roll-About Feeders. **BUSH HOG & WOODS:** 3½ , 4, 5, 6, 7 & 20' Rotary Mowers.
YORK: Dirt Rakes. ALSO: Running Gear: 6, 8, 10 & 12 Ton, All Available With Flotation Tires.

(REMEMBER, EVERYTHING LISTED ABOVE IS NEW.)

USED: NH: 48' Hay & Grain Elevator.
HOWARD: Heavy Duty 5' & 6'- 3-Pt. Rototillers.
MEYERS: 500 Gal. PTO Trailer Sprayer.
CENTURY: Tandem Axle, 1000 Gal. Sprayer, Electronic Controls; 500 Gal. Sprayer.
WOODS: C80 Trailer Rotary Mower.
SERVES: 10' Trailer Rotary Mower.
Heavy Duty 6'- 3 Pt. Hitch Rotary Mower. 15 Miscellaneous Front End Loaders For Various Make & Model Tractors. Rear Scraper Blades- 3 Pt.-Hitch, Fast-Hitch And AC Snap-Couplers.
MOTT: Flail Mowers. NI: 325 2 Row Corn Picker. MF: 15' Stalk Shredder.

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Grimm 4-Star Centipede
Hay Tedder

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WANTED IH #15 hay rake for parts 215-921-8859

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Wanted 2 hole Gandy box & electric drive Call 609-259-2497

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Used 12' Van Dale unloader 717-866-5708

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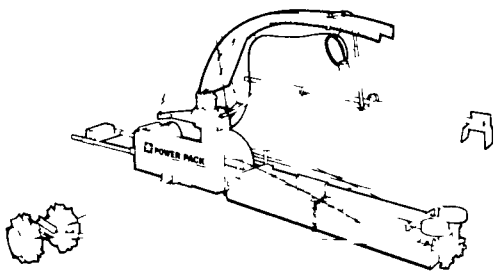
OUR NEW POWER PACK™ UNLOADER LOOKS ABOUT LIKE ANY OTHER SURFACE DRIVE UNLOADER.

BUT LOOKS ARE DECEIVING! HERE'S WHY:



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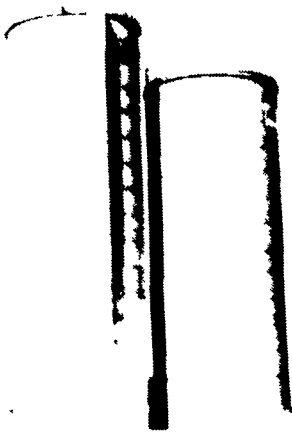

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A Silo Is A Building That Needs Maintenance To Stay There

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Features!
- Bolt Together Construction
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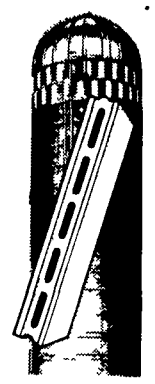

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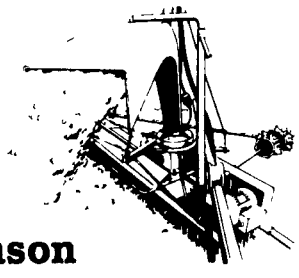

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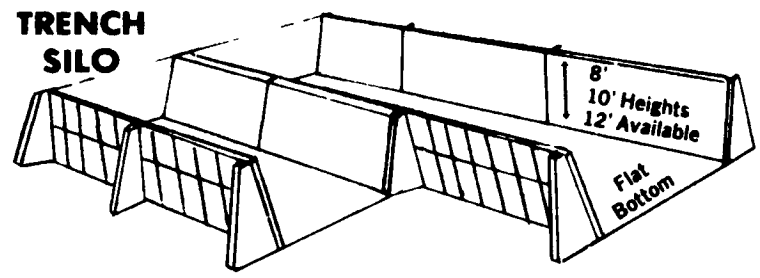

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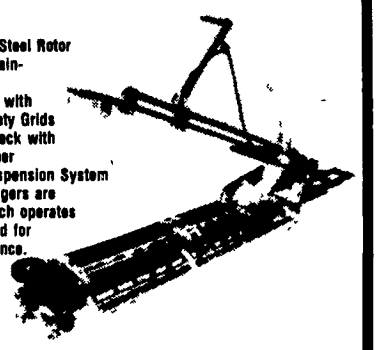

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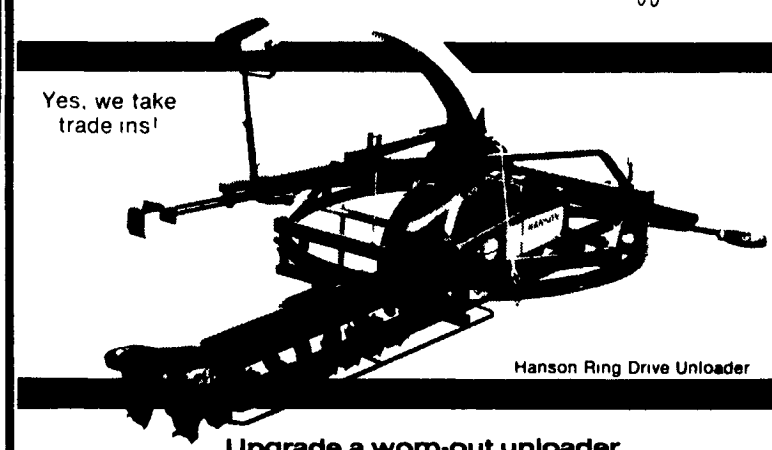

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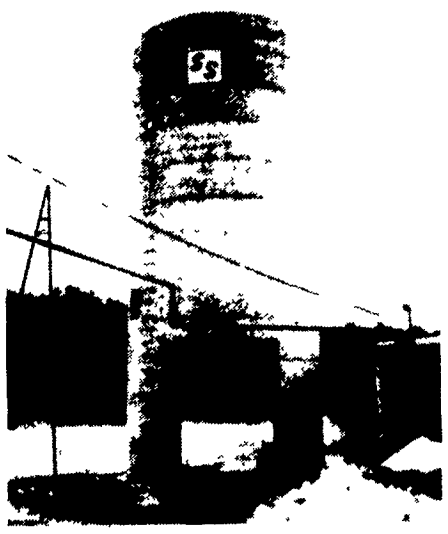

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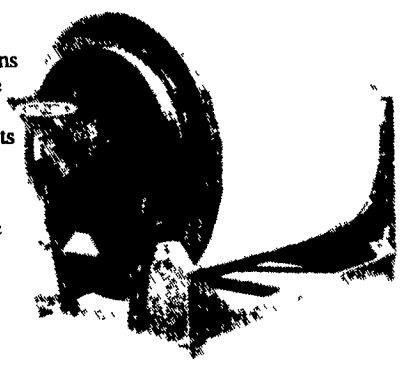

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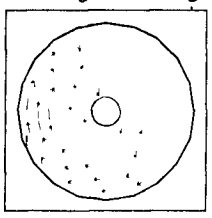

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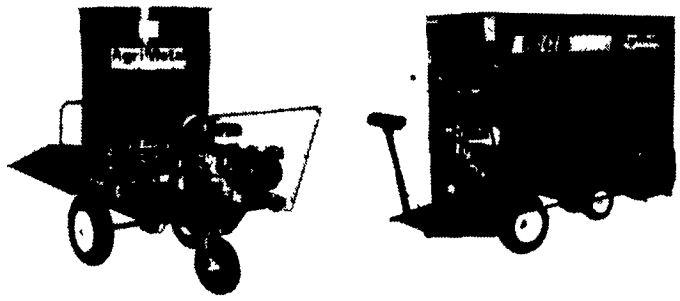

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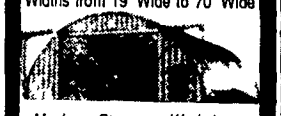

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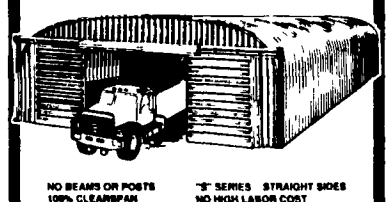

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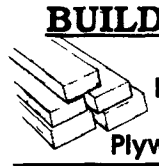

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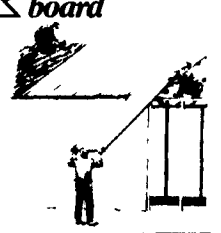

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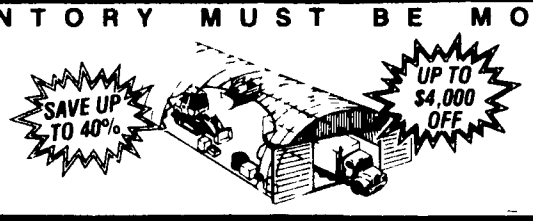

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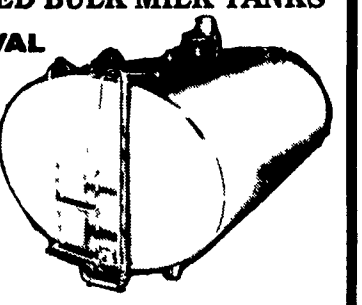

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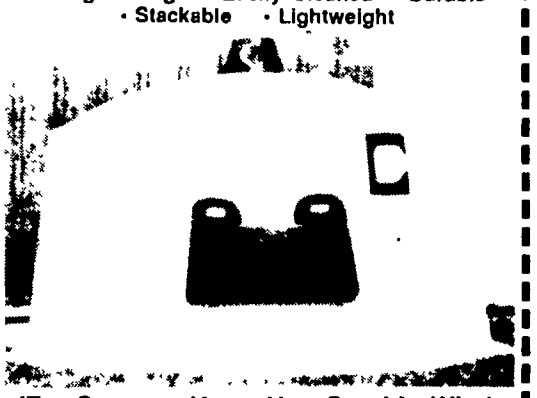

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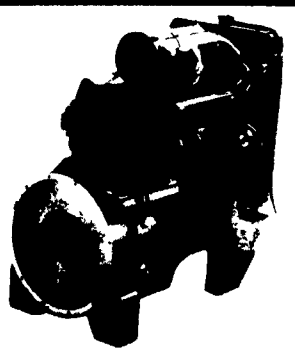

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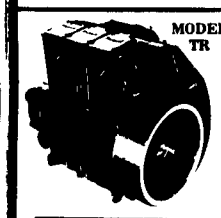

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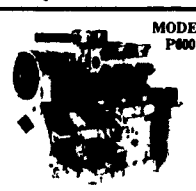

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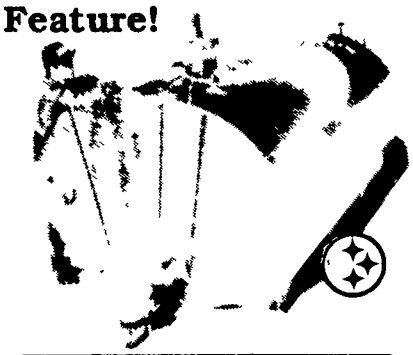
HOOVER DIESEL SERVICE

Main Location	Branch Location
(717) 656-3322	(717) 786-2173
(717) 295-1729	313 Furnace Rd.
255 Mascot Rd	Quarryville, PA 17566
Ronks, PA 17572	

High Performance. . . A HiPerForm Standard Feature!



MUELLER HiPerForm

No other cooler offers so many high performance features.

TANKS
800 Gal. Mueller "O"
1000 Gal. Mueller "OH"
1250 Gal. Mueller "OH"
2000 Gal. Mueller "OH"

OTHER USED TANKS AVAILABLE
Used 3, 4 & 5 HP Condensing Units R12 & R22
Trust! We Work At It.
AUTH. MUELLER DEALER
GEORGE M. PRIEST, & SONS
RD 8, Box 142 Hagerstown, MD 21740
301-797-3921
24 HOUR SERVICE

FACTS ABOUT ENERGY FREE DRINKERS

- Our Company designs the "original" and has continuously manufactured drinkers that work for 25 years
- We have over 200 drinkers operating successfully on farms in the east for the 7 years we've handled them
- We have drinkers that are watering dairy cows, beef, bulls, horses, sheep, goats and hogs.
- Our drinkers are working at the University of Delaware Farm, University of Maryland Farm and the Delaware State College Farm.
- Our drinkers require no electric, no gas, no excavating and is one of the easiest installed in the industry.

NOW...Six Models

We are probably the most experienced Energy Free drinker dealers in the East with over 7 years experience. Write or call for more information.

Knutsen Bros.
130 Knutsen Lane
Rising Sun MD 21911
301-658-6325 or 658-4283

WESTFALIA **NuPulse**

GET YOUR VISOTRONS NOW...
Special During June Dairy Month

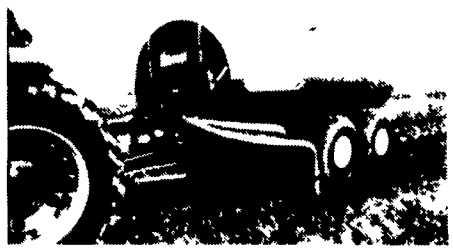
USED EQUIPMENT
- 4 - 55 lbs. DeLaval Bucket Milkers
- 1 - Surge Alamo 40
- 12 - Westfalia Standard Claws With Shut-Off
- 1 - 3 H.P. Universal Vacuum Pumps
- 1 - Electric Kesco Dumping Station (Large Jar)

NOW...You Can Purchase Your Animal Health Supplies From Your Route Salesman At Very Competitive Prices

We Ship Parts Daily UPS

Fisher & Thompson Inc.
DAIRY & MILKING EQUIPMENT SALES & SERVICE
AMOS FISHER RES 717-687-8871
RICK THOMPSON RES 717 626-1012
127 NEWPORT RD. LEOLA, PA 17540
24 HOUR SERVICE 717-656-3307

Calumet
THE CALUMET CO. INC. ALGOMA WIS



JUNE DAIRY MONTH SPECIAL
New Calumet 3750's
In Stock At Old Prices
Three Only!

For Sale Or Lease
- Spreader Tanks - 2250 Thru 6500 Gallons
- Vacuum Tanks - 1500 Thru 4500 Gallons
- Earthen Pit Pumps
- Vertical Shaft Pumps
- Truck Mount Tanks - 2250 Thru 4500 Gallons
- Propeller Agitator
- Replacement Vacuum Pumps - 177 Thru 353 CFM's

Used Equipment
- 4-Shank Injector, Fits Better-Bilt Tanks
- Houle Maxi-Pump Used Only 2 Hours

F. ERNEST SNOOK
RD 3, Box 84, Mifflinburg, PA 17844
PH: (717) 966-2736
"WE'RE HERE TO SERVE YOU"

USED TANKS
Priced To Sell!
- 1500 Gal. Dari-Kool Ice Bank
- 800 Gal. Dari-Kool Ice Bank
- 600 Gal. Zero Super Cooler
- (3) 600 Gal. Mojonnier
- 400 Gal. Mojonnier
- 500 Gal. Esco
- Used DVC 300 (For Stall Barn)
- Used DVC 300 (For Parlor)
- Used 2½" Bou-Matic Pipeline
- Used 2 DeLaval Challenger Feed Stall
- Used 4 Stall Computer Feeder

W&J DAIRY SALES
1202 Lloyds Rd., Oxford, PA 19363
(717) 529-2569

ATTENTION BUY OUT FARMERS
We Need Good Used Tanks
500 - 6,000 Gal. - Call Us

USED BULK TANKS
All Tanks Guaranteed A-1 Working Condition

- 400 Gal. Sunset
- 400 Gal. Girton
- 400 Gal. Jamesway
- 500 Gal. Girton D-4
- 600 Gal. Jamesway
- 600 Gal. Jamesway
- 600 Gal. Steinhorst
- 625 SOLD unset
- 625 Gal. Sunset
- (2) 800 Gal. Mueller "M's"
- 800 Gal. Mojonnier
- 800 Gal. Milkeeper
- 800 Gal. Dari Kool
- 1000 G SOLD eller "OH"
- 1000 G SOLD eller "O"
- 1000 Gal. Sunset
- 1000 Gal. DeLaval
- 1000 Gal. Milkeeper (Round)
- 1250 SOLD unset
- 1250 Ga SOLD -Kool
- 1500 Gal. Mueller "OH"
- 2000 Gal. Mueller
- 2500 Gal. DeLaval

- 600 GAL. 31" POURING HEIGHT VERY NICE

400, 500, 600 & 800 Gal. (Storage Tanks)
1 - Good Used Heat Exchanger
1 - Dari-Kool Therma-Stor III, Like New
- Used 3 & 5 H.P. Electric Motors

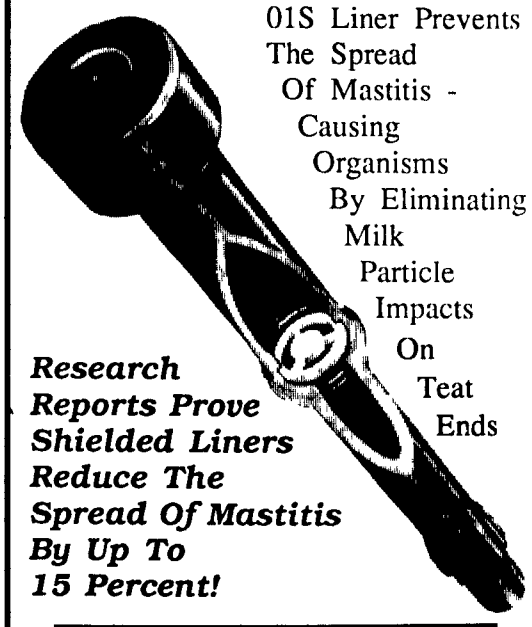
USED COMPRESSORS
3 H.P., 4 H.P., 5 H.P. — R12 & R22

24 Hrs. - 7 Days A Week - Refrigeration Service
Installation, Sales And Service
RAY SHENK
505 E. Woods Drive Lititz, PA 17543
Sales 717-626-1151
24 Hr. Service 717-627-2747

DeLaval's 01S Shielded Liners

More Ammunition In Your Fight Against Mastitis

The Permanent Shield In Each 01S Liner Prevents The Spread Of Mastitis - Causing Organisms By Eliminating Milk Particle Impacts On Teat Ends



Research Reports Prove Shielded Liners Reduce The Spread Of Mastitis By Up To 15 Percent!

USED EQUIPMENT
- DeLaval Pail Units
- Surge 75+ Vacuum Pump w/5 HP Motor
- Surge 30+ Vacuum Pump
- 20 Triple Washtubs
- 30 Gal. Horizontal Balance Tank
- Dump Station w/Large Bender Jar
- Line Dryers
- Teat Cup Washers

DE LAVAL
CERTIFIED SERVICEMEN Install And Service From Radio Dispatched Trucks Route Trucks To Serve You

J.B. ZIMMERMAN & SONS, INC.
P.O. Box 337 Blue Ball, PA 17506
East Of New Holland On Rt. 23
CALL (717) 354-4955

LANCASTER CO.
Salesman Ralph Stoltzfus
Home Ph (717) 859-3119

LEBANON & DAUPHIN CO.
Salesman Arthur Dows
Home Ph (717) 944-6034

6 **DAIRY EQUIPMENT**

FOR SALE: 800 gal. round Dari-Kool. 717-966-0317

Universal milking parlor, jumbo receiver, 5 HP vacuum pump, 824 volt take-off, 3" low line. All accessories 814-692-4110

LANCASTER DAIRY FARM AUTOMATION

DARI-KOOL SYSTEMS

A new, more efficient FULL-FLOW Refrigeration System

DARI-KOOL Coolers

- Heavy-Duty Agitators
- Efficient Polyurethane Insulation
- Internal Structural Steel Support Frames
- Completely Stainless Steel Exterior
- Sizes From 450 to 6000 Gallons
- Ladder Equipped On 1250 Sizes And Larger
- High Efficiency Twin-Evaporator Plate Design
- All New FULL-FLOW Refrigeration System - Reduces head pressure and allows cooler, more efficient compressor operation

RD 5, Box 184, East End Drive
Manheim, PA 17545
(717) 665-7300

USED EQUIPMENT SALE

1 - Used Clay Gutter Cleaner Drive Unit w/5 H.P. Motor, Approx. 280' Counter Clockwise Chain....$495

1 - Used Mojonnier 600 gal. Bulk Milk Cooler w/Automatic Washer & 7½ Lehigh Compressor & Unicorn Condensing Unit.....$1,990

1 - Used Esco 400 gal. Flat Top Tank w/3 H.P. Diceler Compressor $600

1 - Used Girton S/S Square Tank 300 gal. - Suitable for Water$295

1 - Used John Wood 400 gal. Square Tank - Suitable for Water...$395

1 - Used Dumping Station.....$100

1 - Used 5 H.P. Lehigh Compressor & Motor.....$455

6 - Used CIP Manifolds S/S for Parlor In Place Washing with S/S Covers - Nice Condition..... $120 for 6

Longacre
ELECTRICAL SERVICE INC

602 MAIN STREET BALLY, PA 19503

215-845-2261

SMUCKER'S SALES & SERVICE, INC.

RD #2, Box 21 New Holland, PA 17557

(717) 354-4158

If No Answer, 24 Hr. Service, Call (717) 354-4374

DIESEL AND REFRIGERATION SERVICE

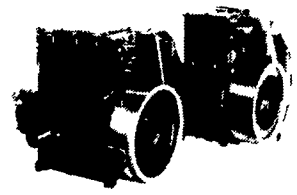
Authorized Dealer Specializing In LISTER And Also PETTER Diesel Engines

LISTER PETTER

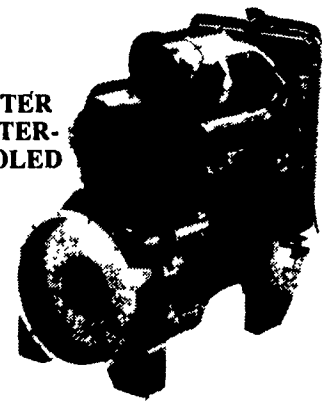
TS2/TS3 AIR-COOLED DIESELS

HORSEPOWER RATING FROM 3 TO 132 H.P.

LISTER AIR-COOLED

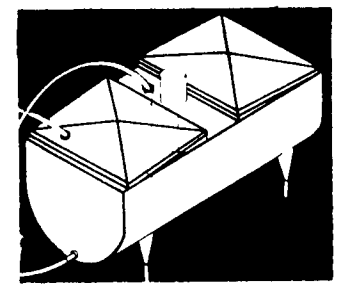


LISTER WATER-COOLED



SUNSET SUPPLY, INC.

Ask About Diesel And Bulk Tanks - Completely Installed



Available: Used Mueller - Sunset - Girton - Bulk Tanks

Milk IS the real thing!

A 1st Class Team Together For 20 Years!

Milk's got more!

RUFUS BRUBAKER REFRIGERATION & MUELLER Dairy Farm Equipment

Present...

PRE-COOLING

The Wave Of The Future... Now!

There Are Many Precoolers On The Market Today, But Only One

MUELLER Accu-Therm PLATE HEAT EXCHANGER

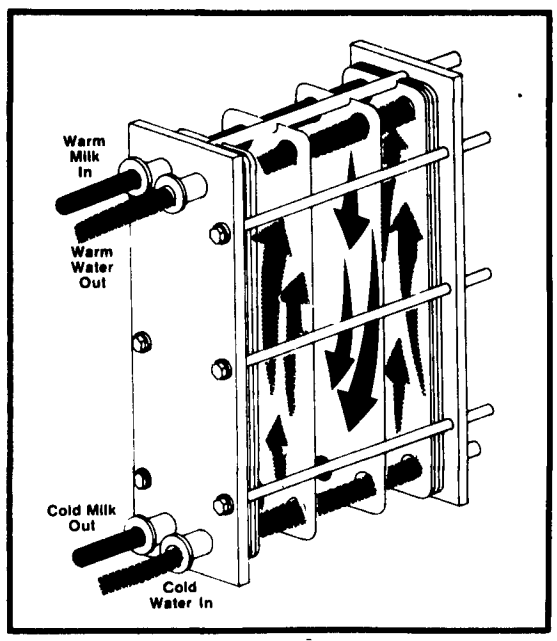
This Is Not A One-Size-Fits-All Unit!

★

We OFFER 14 MODELS

★

Capacity And Prices To Fit Your Needs



Call Today For FREE DEMO!

★

Ask For Our List Of Many Delighted Users Already Benefiting From Mueller Accu-Therm

Now's The Time... Summer Heat Is Just Around The Corner

Southern Service Center
468 Dry Wells Rd.
Quarryville, Pa.
717-786-1617
Vic Leininger

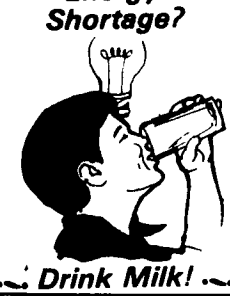
MAIN OFFICE
614 Penryn Rd.
Manheim, Pa. 17545
717-665-3525
Ken or Ed Brubaker

Northern Service Center
RD 1, Box 199
Myerstown, Pa.
717-933-4711
Ken Kopp

★ 24 Hour Service In S.E. PA, S. Jersey. Delaware N.E. And Eastern Shore Maryland!

★ Call Today For All Your New or Used Milk Tank And Refrigeration Equipment Needs!

Energy Shortage?

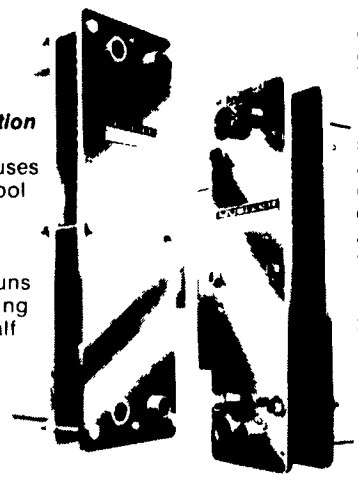


Drink Milk!

We Salute The American Dairy Farmers

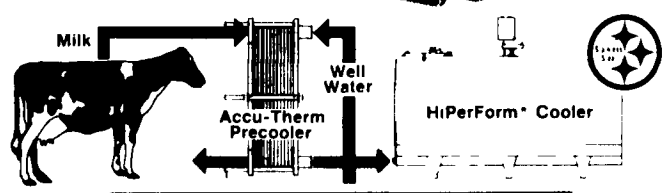
The Mueller Accu-Therm™ Precooler Cuts Cooling Costs Up To One-half and Puts More Profits in Your Pocket!

Makes your operation more profitable!
The Accu-Therm uses well water to precool your milk before entering the milk cooler therefore your milk cooler runs less and cuts cooling costs up to one-half of their previous costs



Minimal Installation Effort and Time!
The Accu-Therm fits into any operation regardless of the space requirements and makes operation expansion easy by simply adding plates without added space requirements

Low Maintenance!
The Accu-Therm cleans in place and does not add to the cleaning work load of the milking operation



MUELLER Accu-Therm PLATE HEAT EXCHANGER

USED TANKS

Large Selection Of Good Used Tanks In Stock All Guaranteed

MARTIN'S REFRIGERATION, INC.

Phone (717) 352-2783
Sales & Service

1122 Woodstock Rd
Fayetteville, Pa 17222

FREE FREIGHT ON ALL CONVEYORS

MANURE SPREADER CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE STEEL DETACH CHAIN	APRON PRICE T-BAR CHAIN	APRON PRICE PINTLE CHAIN
Akey	M18	91 80		
Akey	M50	170 10	—	243 43
Akey	M90	207 10	—	295 52
Allis Chalmers	281-140S	$259 19	$328 60	$348 32
Allis Chalmers	299-180S	$310 75	$378 96	$413 07
Badger	100	$268 17	$334 80	$354 89
Badger	150	$302 42	$350 72	$402.44
Badger	160	$294 54	$367 72	$389 78
Badger	200	$303 54	$378 98	$500.23
Badger	205	$354 70	$442 82	$469 39
Badger	240	$353 22	$440 98	$582 09
Badger	3210	$315 58	$393 98	$508.23
Badger	3260	$359 12	$448 34	$591 81
Badger	3330	—	—	—
Balzer	240	$374 73	$452 58	$597 41
Balzer	300 need 2	$351 29	$424 26	$462 44
Balzer	410	$255 55	$319 04	$421 13
Balzer	440 need 2	$312 17	$377 02	$521 14
Balzer	515 need 2	$363 23	$438 68	$592 23
Balzer	700 need 2	$460 76	$556 45	$751 25
Big Blue		$259 49	$323 96	$343 40
Case	180	$323 15	$394 08	$429 55
Cobey	75, 100	$204 45	$258 80	$273 56
Cockshutt	623A,623B	$214 41	$271 40	$287 68
Co-op	31T	$214 41	$271 40	$287 68
Cunningham	85A	$282 63	$357 75	$379 23
Decker	100, 101 301	$260 87	$330 22	$350 09
Eze Way		$244 87	$309 96	$328 56
Farm Eze	1700	$276 91	$350 52	$371 55
Farmhand	430, 436	$261 55	$331 08	$350 94
Farmhand	450	$418 57	$529 84	$561 63
Farmrite	165	$321 18	$406 56	$430 98
Ferguson	A10,21,22	$214 44	$271 44	$287 73
Forage King	160	$337 92	$412 10	$449 19
Ford	2016	$206 47	$261 36	$277 04
Gehl	113	$277 59	$338 52	$368 99
Gehl	117	$313 01	$381 72	$416 07
Gehl	125	$376 50	$476 58	$505 17
Gehl	132,142	$455 76	$555 80	$605 82
Gehl	180	$298 38	$377 70	$400 36
Gehl	250	$373 17	$455 08	$495 95
Gehl	350 need 2	$282 54	$344 56	$375 57
Gehl	500	—	$413 38	$450 58
H & S	125			
H & S	180,220	$311 51	$394 32	$417 98
H & S	235	$309 51	$392 32	$415 98
H & S	270	$383 27	$467 40	$509 47
H & S	295	$383 32	$467 46	$509 53
H & S	370	$448 31	$546 72	$595 92
Huebner		$308 98	$376 80	$410 71
Int Harv	101,102,103	$293 18	$371 08	$393 34
Int Harv	125,130	$243 83	$308 64	$327 16
Int Harv	150 155,160	$276 58	$350 10	$371 11
Int Harv	175	$311 51	$394 32	$417 98
Int Harv	320	$296 66	$375 52	$397 73
Int Harv	530	$248 44	$314 48	$415 11
Int Harv	540	$280 29	$354 80	$468 34
Int Harv	550 555	$334 82	$424 36	$560 80
Int Harv	570	$267 32	$326 00	$355 34
Int Harv	575	$269 32	$328 00	$357 34
Int Harv	580	$298 11	$377 36	$400 00
Int Harv	595	$345 06	$420 80	$458 67
Jadco		$244 94	$308 00	$327 97
John Deere	33	$255 72	$336 48	$346 57
John Deere	34	$256 59	$324 80	$428 74
John Deere	40	$274 92	$348 00	$459 36
John Deere	44	—	$347 44	$378 71
John Deere	54	—	$478 00	—
(includes 2 sprockets)				
John Deere	660	$373 21	$455 14	$598 40
John Deere	680	$350 04	$426 88	$576 29
Kasten	135	$277 59	$338 52	$368 99
Kasten	175	$313 01	$381 72	$416 07
Kasten	250,250T	$395 27	$428 04	$525 42
Kasten	270	$370 18	$451 44	$492 07
Kasten	325 400	$455 76	$555 80	$605 82
Kelly Ryan	150	$364 54	$444 56	$484 55
Knight	66	$241 60	$294 64	$321 16
Knight	88	$294 32	$372 56	$394 91
Knight	115	$243 84	$308 96	$327 52
Knight	135,140	$281 80	$356 84	$378 66
Knight	180	$298 65	$378 04	$400 72
Knight	195	$319 16	$404 00	$428.24
Knight	235	$371 10	$452 56	$452 56
Knight	250,252	$373 20	$455 12	$496 08
Knight	300	$415 41	$506 60	$552.19
Knight	350 need 2	$284 34	$346 76	$377 97
Knight	410 need 2	$325 20	$396 58	$432.27
Knight	500, 510 need 2	$338 97	$413 38	$450 58
Knight	650 need 2	$402 60	$490 98	$535.17
Lundell		$300 51	$366 48	$399 46
Massey Ferg	18,20	$247 14	$312 84	$331 57
Massey Ferg	110,130	$238 44	$301 82	$319 93
Massey Ferg	160	$275 57	$348 82	$369 75
Massey Ferg	205	$349 83	$442 82	$469 39
Massey Ferg	721	$320 60	$405 82	$430 17
Massey Ferg	724	$373 17	$454 86	$494 71
Massey Ferg	727	$410 02	$500 02	$545 00
Miller	235	$349 29	$425 96	$464 30
Miller	295,350	$411 90	$502 32	$547 53
Minne	110	$247 14	$312 84	$331 61
Moline				
Meyers	M125A	—	$378 90	—
Meyers	M145A	—	$428 02	—
Meyers	M160A	—	$485 62	—
Meyers	M190A	—	$579 24	—
Meyers	M225A,M300A	—	$596 16	—
Meyers	M350A	—	$659 48	—
Minnesota	220	$445 47	$543 26	$592 15
New Holland	200,202 220 221 222	$247 14	$312 84	$331 57
New Holland	212,213	$206 47	$261 36	$277 04
New Holland	300,325,327,328, 329	$259 49	$323 96	$343 40
New Holland	330,331,335,336	$259 49	$323 96	$343 40
New Holland	470,475	$380 81	$482 04	$510 96
New Holland	510,511,512	$272 64	$345 12	$365 83
New Holland	513 514	$280 50	$355 06	$421 81
New Holland	516,517,518	$329 18	$416 68	$495 02
New Holland	519 520	$280 50	$355 06	$421 81
New Holland	675,676,677	$443 63	$541 06	$657 39
New Holland	679,680	$455 03	$554 92	$674 22
New Holland	790,791	$504 82	$615 64	$789 00
New H'lland	795 need 2	$348 60	$425 12	$505 45
New Holland	800 need 2	$354 37	$432 16	$525 07
NH Dble Slatted	510,511,512	$406 46	$497 37	$455 40
NH Dble Slatted	513,514	$427 07	$503 67	$503 67
NH Dble Slatted	516,517,518	$491 20	$579 30	$550 33
NH Dble Slatted	519,520	$516 80	$609 50	$609 50
NH Dble Slatted	675,676,677	$637 89	$752 30	$752 30
NH Dble Slatted	679,680	$670 27	$790 50	$790 50
New Idea	211	$205 97	$260 72	$309 73
New Idea	212	$255 14	$322 96	$374 95
New Idea	213,217	$308 67	$390 72	$464 17
New Idea	214	$362 96	$442 64	$525 85
New Idea	218,244	$410 25	$500 28	$594 00
New Idea	224,245	$472 78	$576 56	$684 95
New Idea	243	$310 03	$392 44	$415 99
New Idea	351,351A	$257 14	$324 96	$344 34
New Idea	351B	$310 67	$392 72	$416 16
New Idea	352	$317 71	$402 16	$426 12
New Idea	353	$469 24	$572 24	$623 74
New Idea	354	$488 10	$595 24	$648 81
New Idea	355	$365 51	$445 74	$494 29
New Idea	360,3615	$252 23	$319 28	$338 44
New Idea	361 3618	$294 70	$373 04	$395 42
New Idea	362,3622	$317 96	$402 48	$426 63
New Idea	363,3632	$469 24	$572 24	$623 74
New Idea	364 3639	$488 10	$595 24	$648 81
Oliver	590	$329 21	$401 48	$437 61
Patz	181	$313 19	$396 44	$420 23
Patz	350	$453 57	$533 14	$602 92
Schultz	160 2120 40 212 5 30	$288 89	$365 66	$487 62

FORAGE BOX CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE STEEL DETACH	APRON PRICE PINTLE CHAIN	PRICE STEEL DETACH CROSS-CONVEY OR CHAIN	PRICE PINTLE CROSS CONVEY OR CHAIN
A C		POR	POR	POR	POR
Arisway	17142 0	321 18	358 27	POR	POR
Badger	BN23 16	297 65	332 02	118 74	202 12
Badger	BN23 18	336 83	375 71	167 94	289 12
Badger	BN950 14	297 65	332 02	102 58	177 47
Badger	BN950 16	336 83	375 71	140 45	242 98
Balzer	5014	297 00	331 28	POR	POR
Balzer	7018	POR	POR	125 43	216 99
Balzer	6514	250 03	278 90	171 02	190 76
Balzer	6516	POR	POR	POR	POR
Balzer	6518	POR	POR	POR	POR
Balzer	6520	POR	POR	POR	POR
Cobey	51	POR	POR	138 62	239 82
Cobey	5000	POR	POR	122 70	212 27
Cobey	5000 w/ext	POR	POR	168 65	291 76
Danco	14	291 01	324 60	104 50	180 01
Danco	16	330 67	368 85	POR	POR
Dion	14	291 04	324 60	104 50	180 01
Dion	16'	330 67	368 85	POR	POR
E Z	714,716	POR	POR	98 37	170 18
E Z	714 716 w/ext	POR	POR	148 06	256 15
Forage King	14'	289.22	322 61	POR	POR
Forage King	16	328 61	366 53	POR	POR
Fox	625	318 09	354 80	122 70	212 27
Gehl	80,81,82 83,84,86	282 47	308 59	125 01	216 27
Gehl	610,620,630 640, 14	285 74	318 73	POR	POR
Gehl	610,620 630 640, 16	324 07	361 47	POR	POR
Gehl	700,710,810 910,920,940 960, 14'	295 20	329 27	104 98	181 82
Gehl	910,920,940, 960, 16'	334 79	373 44	138 78	240 09
Gehl	960 18'	374 56	417 80	POR	POR
Gehl	970 14'	287 42	320 59	POR	POR
Gehl	970 16'	310 54	346 39	POR	POR
Gehl	970 18	348 20	388 39	POR	POR
H & S	XL500 14	281 22	313 67	100 88	174 53
H & S	XL500 16	319 54	356 43	POR	POR
H & S	XL500 18	357 87	399 19	POR	POR
Hesston	7314,7322 7326 14	280 57	312 96	POR	POR
Hesston	7314,7322 7326, 16	320 99	357 97	POR	POR
Int Harv	61	295 44	329 56	POR	POR
Int Harv	105,110,14	280 84	313 26	POR	POR
Int Harv	105,110 16	320 20	357 28	POR	POR
Int Harv	51 14	382 70	426 89	124 16	214 80
Int Harv	51 16	434 64	484 82	POR	POR
Int Harv	120,14	289.27	322 65	POR	POR
Int Harv	120 16	326 66	364 37	POR	POR
Int Harv	130 15	298 68	333 17	POR	POR
Int Harv	130 18	367 09	409 48	POR	POR
John Deere	110	433 82	494 82	112 56	194 73
John Deere	112 122	242 77	270 80	124 37	215 70
John Deere	115,125	292 22	325 96	124 37	215 70
John Deere	214	279 76	312 07	124 37	215 70
John Deere	216	317 89	354 61	124 37	215 70
John Deere	714	286 68	319 77	141 71	245 15
John Deere	716	325 73	363 34	141 71	245 15
Kasten	Power Box Se# 611 2900 14'	281 58	314 08	POR	POR
Kasten	Power Box Se#611-2900 16'	320.21	357 17	POR	POR
Kasten	21,22,26 14'	289.27	322 65	POR	POR
Kasten	21,22,26 16'	326 66	364 37	POR	POR
Kasten	Power Box Se#2901 & Up 14'	289 27	322 65	POR	POR
Kasten	Power Box Se#2901 & Up 16'	326 66	364 37	POR	POR
Kasten	Kwik Load Se#6401 5100 20 16'	320.21	357 17	POR	POR
Knight	14-7	253 98	283 31	113 23	195 88
Knight	17 7	319 14	355 98	133 23	195 88
Knight	Barge Box 1500 7	POR	POR	POR	POR
Knight	20 7 Barge Box 1800 7	361 35	403 06	113 23	195 88
Lamco	Rex 14	291 40	325 06	93 46	161 68
Lamco	Rex 16	331 09	369 31	93 46	161 68
Massey Ferg	23 14	POR	POR	POR	POR
Massey Ferg	23 16	POR	POR	POR	POR
Meyers	418,518 16'	461 44	POR	POR	POR
Meyers	516 14'	290 15	323 67	118 66	205 29
Meyers	518 16	329 96	368 05	118 66	205 29
Meyers	600 16	POR	POR	POR	POR
Meyers	600 18	POR	POR	POR	POR
Meyers	600 20'	POR	POR	POR	POR
Miller	2150	294 80	328 82	POR	POR
Miller	2175	342 40	381 95	POR	POR
Miller	2200	404 79	451 52	POR	POR
New Holland	3	441 80	504 46	130 75	226 20
New Holland	6	515 77	581 78	97 64	168 92
New Holland	Dual Conv 6	283 68	316 44	131 05	226 71
New Holland	7,8	321 50	358 64	108 95	188 49
New Holland	8 w/ext	POR	POR	151 17	261 52
New Idea	601,602,604 605,608	294 47	328 50	POR	POR
New Idea	607,609	335 10	373 79	POR	POR
Papec	140	288 53	321 83	POR	POR
Papec	160	324.29	361 73	POR	POR
Ralco	14'	290 68	324 23	POR	POR

ROLLER CHAIN

Chain No	Chain Pitch	Riveted	Cottered
35	3/8"	87	—
40	1/2	83	—
50	5/8	1 23	—
50H	5/8"	2 27	—
60	3/4	1 52	3 81
60H	3/4"	2 13	4 16
80	1	3 03	4 48
80H	1"	3 86	6 66
100	1¼ "	5 49	6 20
100H	1¼ "	9 03	10 07
120	1½ "	7 85	8 91
120H	1¼ "	13 59	14 72

Other sizes available 25 to 200 from single strand to six strand

STEEL DETACHABLE ATTACHMENT LINKS

55Al	40
55Cl	54
55 C11	54
55 G27	56
55 HB4	78
55 SH	60
62 A1	60
62 C1	62
62 C11	62
62 G27	84
62-HB4	1 16
62 SH	84
67H AS	1 06
67XH AS	1 18
88 A2W	3 00
S B	1 30

T-BAR CHAIN & T-ROD CHAIN

T67 Plain Link	85 link
T 67 Attach Link	1 86 link
T Rod Plain Link	85 link
T88 Plain Link	1 35 link

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N.H MODEL	N H. PART NO.	PRICE PER PAIR
845	704545	340 27
846 & 847	634335	357 27
849	679303	564 68
850	273260	399 00
851 & 852	679768	487 90
855	786717	898 80

PINTLE CHAIN

CHAIN NO	PITCH	PRICE PER FT
662	1 664	3 70
667H	2 313	3 60
D667J	2 25	5 80
667X	2 25	5 26
D667K	2 25	7 22
D88K	2 609	8 90

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MAKE	MODEL	PRICE
BALZER	1014	CALL FOR PRICES
BALZER	1016	
RICHARDTON	1014	
RICHARDTON	1016	

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STEEL DETACHABLE CHAIN

CHAIN NO	PRICE FT
25	1 06
32	1 10
42	1 20
52	1 53
55	1 27
62	1 79
62H	2 19
67H	2 43
67XH	3 09
88	2 98
S	2 52

AGRICULTURAL ROLLER CHAIN

CHAIN NO.	PRICE/FT
C550	2 90
C555	3 79
C551X	7 08
C557	4 86
C620	4 34
C2050	1 23
C2060H	2 37
A550	3 84
A555	3 84
A557	4 86
A620	4 53
A2040	89
C2040	91
A2050	1 22
A2060	1 71
C2060	1 73
C2080H	4 08

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MAKE	MODEL	MAIN APRON CHAIN PRICE / UNLOADING OR ELEVATOR CHAIN PRICE
ARTS WAY	155	CALL FOR PRICES
ARTS WAY	700	
ARTS WAY	750	
ARTS WAY	800	
ARTS WAY	850	
FOX	512	
GEHL	170	
GEHL	280	
HEINKE	Mini	
HEINKE	B240	
HEINKE	H12	
HEINKE	H14	
INT HARV	200	
INT HARV	300	
JOHN DEERE	410	
KNIGHT	BA12	
KNIGHT	BA14	
KNIGHT	BA16	CALL FOR PRICES
KNIGHT	LA9C	
OSWALT	320	
NEW IDEA	604	
SCHULER	125BU	
SCHULER	175BU	
SCHULER	260BU	
SCHULER	400BU	
SCHWARTZ	680	
SCHWARTZ	750	
SCHWARTZ	760	
SCHWARTZ	780 Short	
SCHWARTZ	780 Long	
SCHWARTZ	860	
SCHWARTZ	880	
SCHWARTZ	950	
SCHWARTZ	980	

CORN HEAD GATHERING CHAINS

MAKE	MODEL NO'S	PRICE
ALLIS CHALMERS	2A,3E,2N,3A,3H,4C, A420,E420,C620,C820, H330,E330,C430 C630, C435,H240,E240,C440	16 80
	FL430-GL440	24 70
	1969-72 All Models Low Profile	24 70
	1973 - 73 Low Profile	25 77
	1977-79 Heads All Models	27 06
INT HARV	ALL 800 SERIES HEADS	23 58
	227,228,229,428,430, 724,733,327WN 620N 630N,762,763	34 20
JOHN DEERE	243,244,343,344,443, 444,543,546,642,643, 644,645,842,843	23 63
	235,335,435,635	36 43
	555,234,334,434 634	37 03
MASSEY FERG	22,321,322,33, 421,422,43,63,621	28 29
OLIVER & MINN MOLINE	522,525,531,535, 541,544,H942,H944, H953,H954	33 82
NEW HOLLAND	922,923,923L,924 924N,926,	37 03
	926 after Ser #220344 Late 1977	28 85
	962 Before Ser #220344 Early 1977	29 82
	All Models from 1980	23 63
NEW IDEA	723,724,725,726 843N,843W,844N, 844W,846N,	35 81
	324,325,720,730	31 04
WHITE	319,324,325,720,730	18 92
	702,703,704,705,706	18 06

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N.H. MODEL	N.H. PART NO	PRICE
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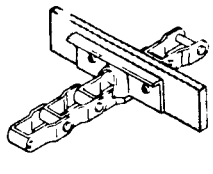
846,847	714619	$48 23
850	710395	$73 85
851,852	718096	$61 77



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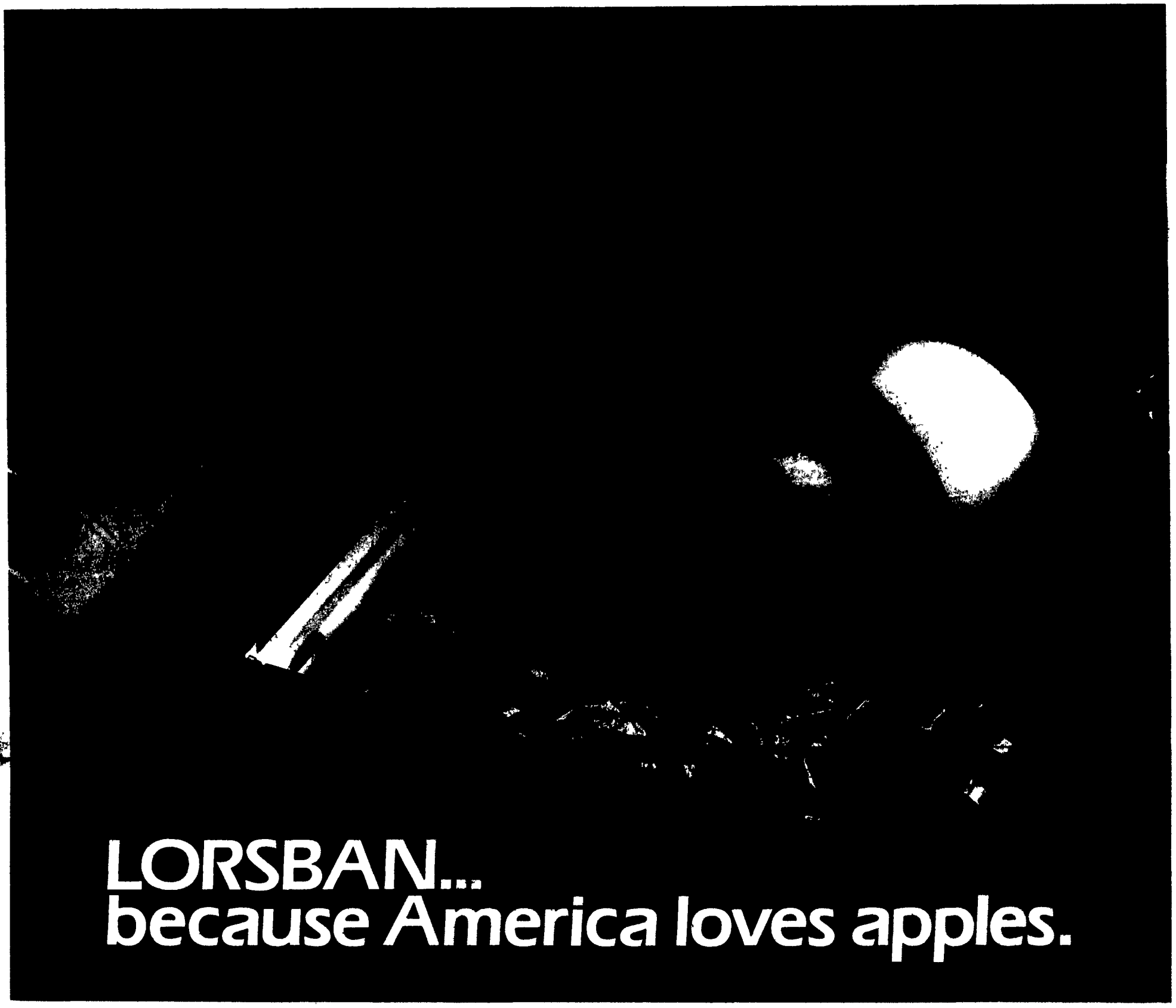

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Mastitis Drugs: Just Say No

By Joyce Bupp
York Co. Correspondent

KRALLTOWN (York) — Twelve years ago, Ralph McGregor made a management decision he would avoid even telling other dairy producers about for the next several years.

The York County dairyman walked to his barn office supplies cabinet, pitched out every tube and bottle of mastitis treatment, and pledged a firm "No" to using antibiotics on mammary system flareups.

Instead, McGregor vowed a new approach to udder health in his 102-head milking herd of registered Holsteins. Rather than "shoot 'em up" when swelling and flakiness infected udders, McGregor set out to test a more positive management move. Underpinning this tactic was a belief that, relieved of as much environmental and man-made stress as is reasonably possible, the dairy cow can successfully battle invading mastitic pathogens without antibiotics.

Attending the 1976 National Mastitis Council meeting in Louisville, Kentucky, McGregor seriously weighed the message of a speaker on the anatomy of the mammary system. Everything about the cow's mammary system is designed to safely put milk out the teat and, including microscopic hairs inside the teat canal for the glands' protection.

"How much harm do we do if we put something in there that reconstructs the system, allowing outside organisms in?" was the question that haunted McGregor. Having worked with — and treated — cows since his childhood, the Kralltown dairyman figured he had seen no real long-term improvement in the problem of mastitis.

Maybe there was a better approach.

DHIA herd average at McRal Dairy that year on the 102 cows was 15,370 milk and 566 fat. Cull rate, based on statistical data McGregor has compiled for his management comparisons, was at 22 percent. Highest somatic cell count that year was at 650,000.

Aware that his approach was veering from the norm, McGregor kept his mastitis approach pretty much to himself. Over the next six years, both herd numbers and herd average steadily climbed.

By the end of 1983 test year, DHIA average came in at 151 head with a 18,635 milk and 668 fat record. Somatic cell counts ranged that year from a low of 207,000 to a high of 356,000. Cull rate was still at 22 percent, but had fluctuated from 19 percent in 1977 to 27 percent in 1979, responsive in part to cull-cow prices.

This continuing upward trend shows no signs of reversing. The current milking herd numbers 230 head, with an April DHIA Rolling Herd Average of 19,530 milk, 724 fat, with a SCC averaging 149,000. Cull rate for 1987 was 21 percent, up slightly from 17 percent rate in both 1985 and 1986.

"We do not need the crutches of mastitis medicine," McGregor firmly insistetd.

Controlling Stress

Instead, proper husbandry and gentle handling of the dairy herd, with emphasis on minimizing controllable stress factors, are the basis of McGregor's mastitis-management techniques. And, animals with a chronic health, breeding, hard milk-out or mastitic-prone tendency are soon culled.

"Why keep a problem cow to milk and breed from?" he wonders.

McGregor emphasizes that his milking-housing facility is not new, nor are all conditions of the operations "textbook" ideal. The 16-year-old parlor is a double-four herringbone, which takes several hours for each milking to handle 230 head. While milking is a one-person chore, seven different family members and employees help as needed in the parlor. And, herd size now outstrips freestall capacity, by about 25 percent.

"Our cows are used to anything and anybody," McGregor adds with grin. And, he quickly noted, they do occasionally flare up with mastitis.

But, in the last six months, he and herdsman, Don Dyer, can tally only two cases of mastitis. One was an older herd member, which tramped a teat, and the other a "hot bug" with swelling.

Both get the routine McRal treatment for flareups: hand stripping, at each milking. No tubes. No shots.

"If everything else is right for a cow, overcoming a mastitis infection should be like a healthy person who can fight off a cold naturally with a little time. You can fine-tune nutrition, the milking system, keep the cows clean, and do what you can to naturally help her do so."

That begins at McRal Farms with the handling of the cow and McGregor's adherence to the philosophy that "every cow is a lady and should be treated as such." Jumpy, nervous cows are more stressed, generally favoring mastitis and higher SCC's.

"You've got to keep a cow trusting you, by staying cool, calm and collected when working with her," McGregor teaches employees. "That means you don't hoop and holler to drive cows in a parlor or when moving them to different locations."

Adequate facilities, such as proper headgates, alleyways and loading chutes add to cattle-handling ease. McGregor houses heifer-age groups at several nearby facilities, and animals are moved to as many as four locations from weaning to freshening, making smooth handling techniques an important part of general management.

Gentle handling at all ages helps keep cattle at Ralph McGregor's McRal dairy farm tame, easier to handle, and generally less stressed.

Supplies such as Kopertox, udder balms, fly bait and new inflations now fill office cabinets that once housed an array of mastitis-treatment antibiotics.

"My tomahawk" Ralph McGregor calls the utility knife he keeps handy for trimming cow tails. Shorter switches aid in keeping bacteria and dirt away from teat ends.

Sand As Bedding

Soon after the NMC conference, a vet recommended to McGregor the use of sand for freestall bedding, over more conventional materials. Sand drains well, and its weight cuts down on the losses from cow movement. When fresh sand is added, about every six weeks, a dusting of hydrated lime serves as an additional bacterial deterrent.

An advocate of low milking lines to avoid the system inefficiencies of lifting milk, McGregor had lowered parlor lines in 1972. The two-inch lines installed then are still in use, though considered borderline efficient by some milking-system experts.

All water used for udder cleaning, and in the equipment washup, is run through a softener. Softening of the naturally hard water seems to aid in keeping teat ends soft and pliable, plus perhaps ease cracking and chapping of workers' hands, where rough skin could harbor and spread mastitic bacteria.

Inflations are regularly changed every 1,000 milkings, since worn and cracked rubber in the liners will also harbor mastitic pathogens.

Only minimal water, a mere handful to wet the teats, is used in pre-milking preparation.

"Many people wash udders like they're putting out a fire," says

(Turn to Page D4)

Note: Joyce explained that preparing for the Dairy Month issue became slightly unbearable at times. For this reason she sent the above photo.

York County Correspondent Joyce Bupp

Joyce Bupp has been Lancaster Farming's York Correspondent for 10 years.

She and her husband, Leroy operate Bupplynn Farms, near Loganvile, with 200 head of milking registered Holsteins. Their children Patty, 18, and Richard, 15, are actively involved in the family farm.

Joyce is a board member of the Middle Atlantic Division of Dairyman, Inc., and the Dairy Council of the Upper Chesapeake Bay. She is co-coach of the county's Junior Holstein and 4-H Dairy Bowl teams. The Bupps are involved in the Holstein Association, 4-H and dairy promotion activities.

Holstein News, Holstein World and Hoard's Dairyman are some of the publications that have printed Joyce's work. She received an award from Women in Communications for her column, On Being a Farm Wife. One of her Lancaster Farming articles also placed third in a competition hosted by Penn-Ag Industries.

However, Joyce notes, "The greatest honors I have are my kids and my Dairy Bowl Kids."

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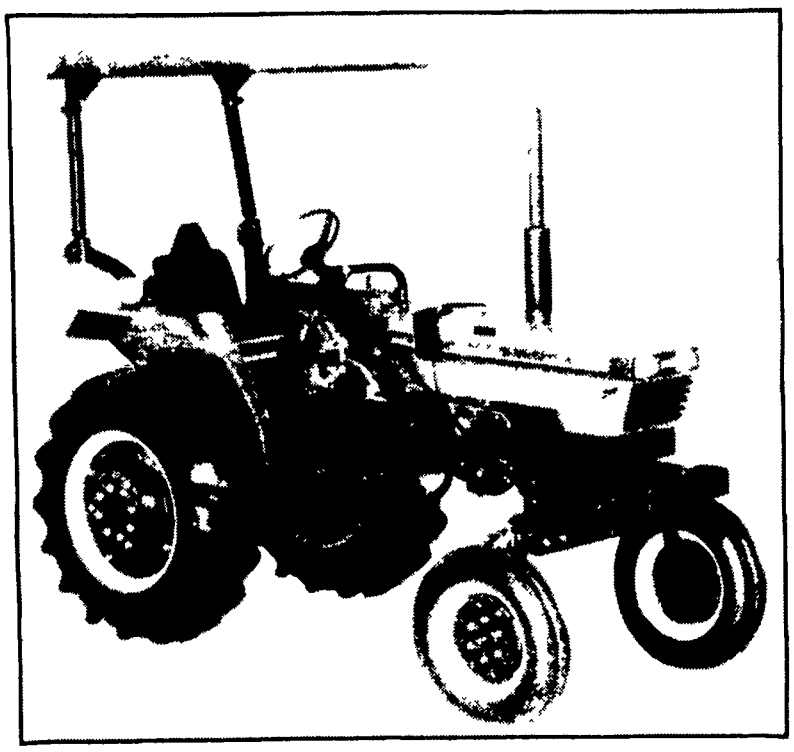

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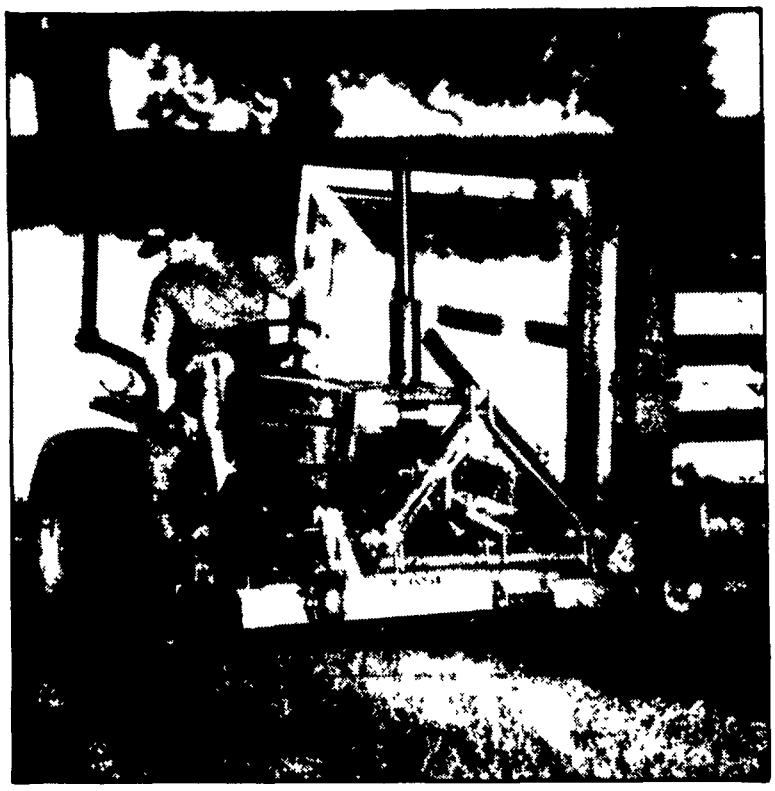

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Just Say No

(Continued from Page D2)

McGregor. "If we don't wet the udder, we don't have to worry about getting it dry. And there's no satisfactory way to milk a wet udder; inflations force that dirty water back into the teat or in the milk line. The cleaner the cow, the better off we are. But it's a real world, and cows do get dirty and muddy."

After teat cleaning, the milking staff at McRal is encouraged to clockwatch.

Reasoning is that all milk letdown is by hormonal action stirred by the washing and stimulation of the cow's udder. After washing and drying, McGregor wants milker attachment within 30 to 60 seconds, as teats plump with milk letdown; a second hand on the clock helps employees monitor that timing.

"And, when she's done, she's done," he comments on the practice of machine stripping a cow. "That re-stimulates hormone to let down milk; then the unit is removed by the time she can respond. What's probably been accomplished is to encourage letdown of a little more milk, which will remain in the udder and provide ideal conditions for bacterial growth."

Clipping Switches

Even tails get regular attention in this herd, another management practice instituted by McGregor after hearing a meeting presentation. An Australian-dairy-industry speaker related statistics from this country, comparing rates of mastitis in front and rear quarters

Commonly accepted is the theory that, since rear quarters tend toward heavier production, rear quarters likewise have greater rates of mastitis flare-ups. However, in Australia, where bobbing tails of cows is a familiar practice, studies showed rear quarters with less mastitis incidences.

Figuring that tails soil udders, adding bacteria near teat ends and on other cows, McGregor keeps handy in the parlor what he jokingly calls his "tomahawk." The angular-bladed utility knife "is cheap" and keeps cows' switches to manageable lengths, rather than dragging in and spreading mud, manure or other bacteria-laden matter.

While tails can be shortened, characteristics like strength, well-set feet and legs, and femininity result largely from genetic selection. McGregor aims for herd replacements of medium size, with adequate strength to withstand the demands of heavy milk production. Heavy emphasis goes on femininity for cows which generally breed more easily and milk out well.

Hard-milking individuals generally earn only a short stay at the Kralltown operation, and McGregor figures that more poor-milking cows are tolerated than should be.

Using aAa mating guidelines, McGregor generally focuses on individual's major weaknesses, while adhering to his long-range genetic goals. But type alone doesn't earn a cow a place here if she is problem prone. Culling over the years has been mostly mastitic-prone cows or those with reproduction problems.

Occasional Mastitis Flare-ups

In spite of anit-stress emphasis, fine-detail management and strict culling of problem individuals, mastitis flare-ups periodically occur.

Milk from a flare-up goes into a separate pail and, when only a lesser infection, is fed to calves.

"For a real hard, hot case, if we want to do anything, we might give a shot of oxytocin to get a letdown of that infected milk; but we rarely do that," noted McGregor. In such cases, cows generally give very little milk. What is stripped out is caught in a pail and disposed of very carefully in a place where it cannot come into any possible contact with either cows or water, which could further spread bacteria.

While McGregor uses no mastitis drugs, cows with serious internal problems, such as severe uterine infections, do occasionally need antibiotic treatment from the vet. The presence of antibiotics in even isolated instances keeps McGregor uneasy and extremely careful about marking and identifying treated cows.

His constant vigilance against antibiotics and somatic cell levels regularly earn McGregor extra quality premium bonuses from his handler, Atlantic Dairy Cooperative. In addition, he has saved literally thousands of dollars by not purchasing mastitis antibiotics.

McRal Farms employee Mike Fetrow dips teats, final step in a milking routine using minimal teat wash water, careful drying, unit attachment in 30-60 seconds and no machine stripping.

Both detail-oriented and economically savvy, McGregor seems to be finding a quiet, personal satisfaction in his herd-management methods beyond mere bottom-line bucks.

Paying careful attention to details, plus genetic selection for natural disease resistance and durability, have developed for him this high-production, low-problem, growing-in-size dairy herd. And as scrutiny for drug residue in milk at the retail level becomes increasingly intense, Ralph McGregor is already several steps ahead of the industry.

What really excites him now, with a dozen years of herd statistics to back up his philosophy, is the challenge of sharing his dairy management techniques, and encouraging other dairymen to consider saying "No" to mastitis antibiotics.

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We Specialize In Farm Buildings, Churches, Feed Mills, Water Tanks, Etc. With Aerial Equipment

FISHER'S PAINTING OUTLET STORE

- TOP QUALITY PAINTS, LADDERS & ACCESSORIES AT LOW PRICES
- WE BUY DIRECT FROM FACTORY IN LARGE QUANTITIES & PASS THE SAVINGS ON TO YOU
- ROOF COATINGS IN VARIOUS COLORS
- WE HAVE LARGE LOTS OF FACTORY DISCONTINUED COLORS, MISMATCHES AND JOB LEFTOVERS AT VERY LOW PRICES

FREE DELIVERY WITHIN 20 MILES
STORE, SHOP AND OFFICE LOCATED IN OLD STONE BARN AT:
4056 A Newport Road, Kinzers, PA 17535
(Across From Pequea Valley School) 717-768-3239

ATTENTION FARMERS

The former Fry Rendering Plant in Lancaster is now under new management.

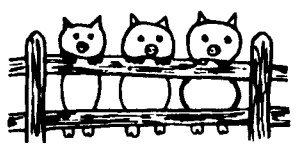
Dead Stock Picked Up Free Of Charge
We Also Buy Hides & Grease

Call 717-464-2631
If No Answer Call 717-436-8272

E.C. CLECK & SON, INC.
RD 1, Mifflintown, PA 17059

SOYBEAN ROASTING ON YOUR FARM
Don't Waste It - Roast It!

This Little Piggy Went To Market,
This Little Piggy Stayed Home,
This Little Piggy Had...
ROASTED SOYBEANS



Make Higher Profits From All Grains.
Roasting Improves TDN, Destroys Mold,
Retards Toxins & Removes Moisture.

CUSTOM GRAIN ROASTING DONE IN PA. & SURROUNDING STATES

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RD 6, Lebanon, Pa. 17042
PH: 717-865-6611

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DAVID N. GROFF
RD 1 Box 506C
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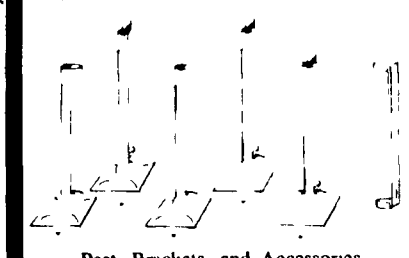
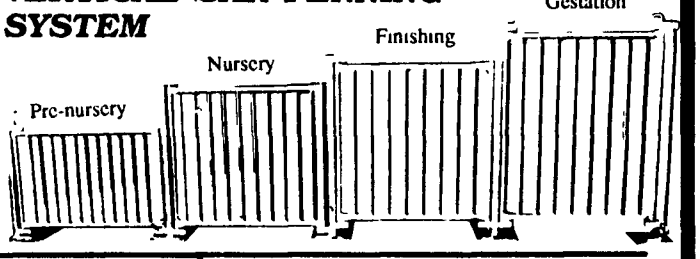
HOG CONFINEMENT EQUIPMENT
Discounted Factory Direct Prices

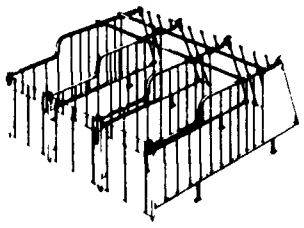


Post, Brackets, and Accessories

VERTICAL BAR PENNING SYSTEM



GESTATION STALLS
All Stabling & Penning Is Available In:



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- Painted
- Black Iron
- 8 ga Steel Tubing 1" Solid Steel

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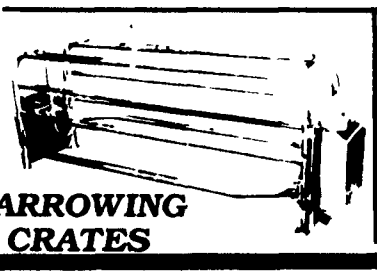
STAINLESS STEEL FEEDERS

- 100% Welded Construction
- Comes Fully Assembled
- Crafted of 304 Alloy
- Unique Top Adjusting Feed Gates With Locks



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Swine & Poultry Systems Specialists
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Berks Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

BREED CODES

1—Ayrshire 2—Guernsey 3—Holstein 4—Jersey 5—Brown Swiss 6—M. Shorthorn 7—Red Dane 8—Mixed 9—Red and White

April 1988

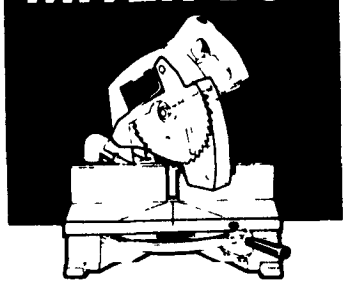
Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Mark A Wolfskill	3	97.4	87.8	22,179	848
Hiddenview Holsteins	3	68.8	86.4	23,415	847
Junge Farms	3	74.8	88.7	21,168	810
Daview Farm	3	67.9	86.9	22,078	807
Heindel Farms Inc	3	38.1	86.1	20,753	787
Mertz Brothers	3	41.7	86.4	22,076	781
Forrest C Stricker	B3	60.9	88.3	22,080	770
Retland Farm	3	54.6	86.2	20,784	765
Merlin J Grube	B3	51.1	88.9	20,291	762
D J S P Schuler	3	67.3	85.0	20,865	762
Plushanski Farms Inc	3	141.2	87.2	19,322	761
David L Schrack	B3	105.4	85.6	18,977	759
Mervin Brubaker	B3	70.1	85.9	20,461	754
George S Troutman Jr	B3	78.2	88.8	19,214	752
Show Top Farms	3	173.9	91.1	18,844	751
Ralph & Ken Sanner	B3	78.6	86.9	20,332	747
Chris D Kratzer	B3	47.0	92.0	19,606	742
Swatara Dairy Farm	3	63.6	84.5	18,003	742
FGG Holsteins	3	69.2	86.0	18,734	738
Leonard G Stoltzfus	3	100.1	88.9	20,515	737
William G Howerter	3	90.4	86.8	19,345	730
Allen A Davis	B3	69.1	88.7	19,833	725
Raymond A Seidel	3	39.0	90.6	18,920	723
Irvin G Weaver	B3	56.9	87.9	19,322	722
Vista Grande Farm	3	90.0	85.7	20,173	721
R R Troutman & Sons	3	134.0	85.1	18,011	716
Arlan Krick	B3	66.0	86.9	18,776	716
Elvin Brubaker	B3	42.5	88.5	20,006	714
Clarence B Kulp	3	74.7	90.2	20,277	712
Bendy Brook Farm	3	47.9	85.2	19,140	709
Glenn B Gockley	B3	47.9	86.1	21,132	710
Brian + Dawn Blouch	3	45.1	86.7	19,726	705
F Mark Weber	3	40.5	87.1	19,000	705
Harold Schuler	3	38.0	88.1	19,145	704
Richard A Bleiler	B3	46.4	89.4	20,503	703
Leon H Martin	B3	40.8	87.5	18,971	703
Gary-Martha Heffner	B3	41.4	88.1	18,630	702
Reu Hel Farms Inc	3	96.3	88.5	19,834	702
Leon M Martin	B3	48.6	89.2	19,737	700
Ronald Kelchner	B3	74.3	88.2	19,398	699
Plentygood Holsteins	3	63.0	82.8	18,109	697
Zahncroft Farm	3	56.8	86.8	19,079	697
Robert C Dreisbach	4	102.2	84.2	13,990	693
Jacob M Wise	G3	42.2	85.0	18,950	693
Charles D Moyer	B3	133.1	86.7	19,294	688
Martin & Missy Moyer	B3	53.8	85.9	19,070	688
Harvey M Weaver	B3	47.1	85.3	18,516	687
Glenn+Brenda Howard	3	143.0	88.2	18,354	687
Bos-Belle	3	6.4	86.6	18,825	685
Earl R Hafer	B3	129.3	86.7	19,286	684
Bernell L Burkholder	B3	43.2	84.5	19,054	682
Grumbro Holsteins	3	47.7	86.0	17,986	681
F M Browns Sons Inc	B3	97.0	91.0	19,412	679

(Turn to Page D6)

CONTRACTOR'S SALE

Now Thru June 30, 1988

The "Original" DELTA MOTORIZED MITER BOX



Cuts Production Time In Half!

- Cuts framing, flooring, trim, moulding, plastic pipe, aluminum extrusions, compositions • Powerful 10.5 amp motor • Push button brake • Positive stops at 90°, 45°, 22½°, R & L • Rectractable blade guard • Ball bearing construction

SEE IT IN ACTION TODAY

$190.00

Makita MODEL 5007NBA

Super Duty 7 1/16" CIRCULAR SAW With Electric Brake

- 13 AMP heavy duty hi-tech motor for excellent performance when cross-cutting or ripping.
- Comes complete with long lasting carbide tipped blade.
- Electric brake for fast stopping of blade.

$148.00

Makita MODEL 6012 HDW

CORDLESS DRIVER-DRILL KIT 2 Speed, Reversible

- 2-speed gear selection, 400 RPM or 1100 RPM for driving or drilling.
- Drills ¼" in steel and 5/8" in wood.
- Powerful 9.6 VDC one hour fast charge removable battery with automatic cut-off charger.
- Forward, reverse, or neutral at the flick of a finger.

$135.00

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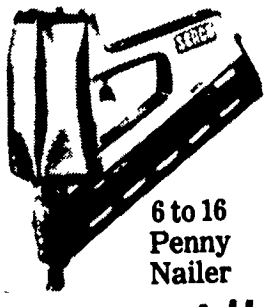
BUILDING WITH QUALITY

MODEL SN4 NAILER

Construction framing, wood-to-concrete, truss building, sub-flooring.

$540.00

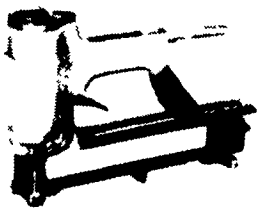


6 to 16 Penny Nailer

PW SERIES STAPLER

For butt joining and asphalt shingles in home construction. ½" to 1¼" Capacity Stapler

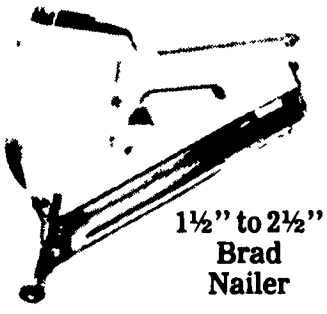
$251.00



MODEL SFN2B NAILER

Component assembly, paneling and trim applications in building construction.

$398.00



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All Fasteners 15% OFF List Price

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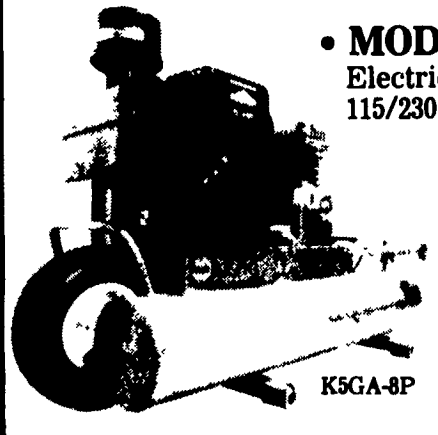
Made in U.S.A.

- **MODEL K15A-8P** Electric, 1½ H.P. **$499.00**
- **MODEL K2A-8P** Electric, 2 H.P. 115/230 Volt **$563.00**

K15A-8P



K5GA-8P

- **MODEL K5GA-8P** Briggs & Stratton, 5 H.P. **$522.00**

OTHER ENGINES AVAILABLE

- 5 H.P. Wisconsin..... **$639.00**
- 5 H.P. Honda..... **$664.00**

All Compressors Less Filter And Regulator

AirMate by Emglo

HAND-CARRY PORTABLES With Regulator

List $445
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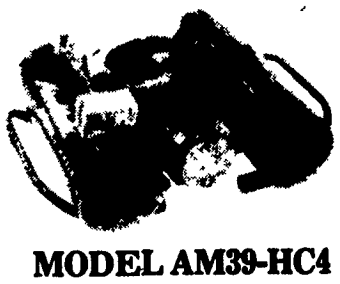
MODEL AM39-HG4V Vertical

- ¾ H.P.
- 125 P.S.I.
- 115 Volts
- 3.8 Gal. Tank Capacity



MODEL AM39-HC4

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INDUSTRIAL EQUIPMENT & SUPPLIES

P.O. Box 369 Blue Ball, PA 17506-0218

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Mon., Tues., Wed., Fri.: 7:30-5:00; Thurs.: 7:30-9:00; Sat.: 7:30-11:30

RYOBI **MODEL TS-251U HEAVY DUTY 10" POWER MITER SAW**

w/Ryobi carbide blade & accessory package.

Crosscut: 3½" x 4¾" **$229.00**

Berks Co. DHIA

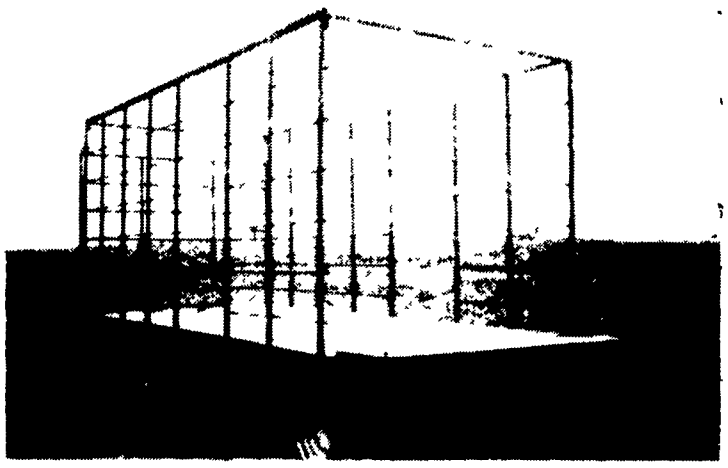
(Continued from Page D5)

Scattered Acres Inc	B3	146.4	82.5	19,211	673
Tupla-Canal Farm	B3	37.1	86.4	19,144	673
Dean&Brenda Daubert	5	38.7	87 8	16,808	668
Yost Brothers	B3	115.9	86.9	18,838	666
Herb Top Farms	B3	39.1	85.9	18,086	665
Larry E Phillips	B3	39.1	84.0	17,763	660
George E Moyer	3	114.8	87.3	18,558	656
Nathan Nolt	G3	53.2	85.2	18,051	655
Fred J Walters	B3	88.2	86.1	18,471	655
Ernest O Miller	B3	220.6	86.7	17,498	654
Way Har Farms	B3	112.1	92.0	17,356	654
Red Fever Farm	B3	69.6	87.6	18,591	653
Floyd Kurtz	B3	59.9	88.0	18,457	648
Andrew D StoltzfusB3		111.6	87.7	18,707	645
Pinnacle View Dairy	B3	43.6	87.5	16,903	642
Ray E Bicksler	3	48.3	87.6	17,707	641
Heindel Farms Inc	1	22.9	86.7	15,869	641
Donald Burkholder	B3	113.4	85.7	18,050	641
Herb Top Farms Jer	B4	6.0	87.5	13,891	638
Blue Min AcademyB3		133.0	87.0	17,130	638
Donald B Duncan	B3	103.6	88.5	17,894	637
Lester Martin	B3	48.3	86.0	17,155	636
Lowell C Kurtz	B3	34.2	85.2	17,530	636
David Gross	B3	40.7	84.9	17,268	635
Wilhomar Farm	3	41.2	86.9	18,220	635
Alton Rohrbach	B3	56.5	88.1	17,940	634
Ker Min Farms	3	84.4	88.6	17,225	631
Jeffrey J Vanhorn	B3	41.0	86.6	19,337	631
Lawrence Kieffer	B3	99.1	86.7	17,221	630
Landis R Martin	B3	53.7	84.8	17,046	629
Wooden Bridge Farm	B3	57.3	86.9	18,376	629
Harold Fenstermaker	3	36.2	87.8	15,934	627
Kenneth Zook	B3	53.3	85.2	16,671	625
Richard W HoppesB3		65.0	85.8	16,443	624
Lynnacres	3	194.3	90.2	17,273	623
Joe & Deb Kohler	B3	38.1	86.3	17,244	623
Robert L Sattazahn	B3	97.6	89.1	17,869	622
Bruce Reigel	G3	38.4	87.1	16,471	621
Harvey C Krill Jr	B8	62.9	86.7	16,574	621
Luke Snyder	B3	67.7	87.9	17,449	618
Teen Chal Farm	B3	119.3	85.6	16,824	617
Oleka Acres	3	55.2	84.7	18,818	616
Clyde Loump	B3	53.7	86.8	17,282	614
Bethany Dairy Farm	G3	50.1	83.9	16,975	614
Ray W Seidel	B3	40.6	86.4	16,388	610
Charles W WagnerB3		47.5	90.4	16,868	610
Daniel J Harnish	B3	102.2	85.3	16,942	609
Louis E Moyer	3	63.8	84.1	17,055	609
Dennis Adam	3	35.5	91.8	15,964	609
David Y Knauer	B3	52.9	85.8	17,896	606
Raymond L Kulp - Son	B3	86.4	90.8	16,718	606
Don Aloan	G3	48.7	87.2	16,461	605
Ernest C Hoffman	3	59.3	87.7	16,588	604
Wilmer Dreibelbis Jr	B3	106.0	86.5	16,758	604
Hy-Del Farm	B3	33.3	85.9	17,890	603
William C Adams	B3	89.0	92.4	14,885	601
Ontelynn Acres	3	127.9	90.2	15,650	601

(Turn to Page D7)

HAY WAGONS FOR SALE

STEEL SIDES



3 Sizes Available...16', 18', 20'
with or without running gear
• Also will fit sides onto your flat wagon

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DO YOU WANT A BUILDING WHICH OFFERS

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20'-120' Wide Clear Spans

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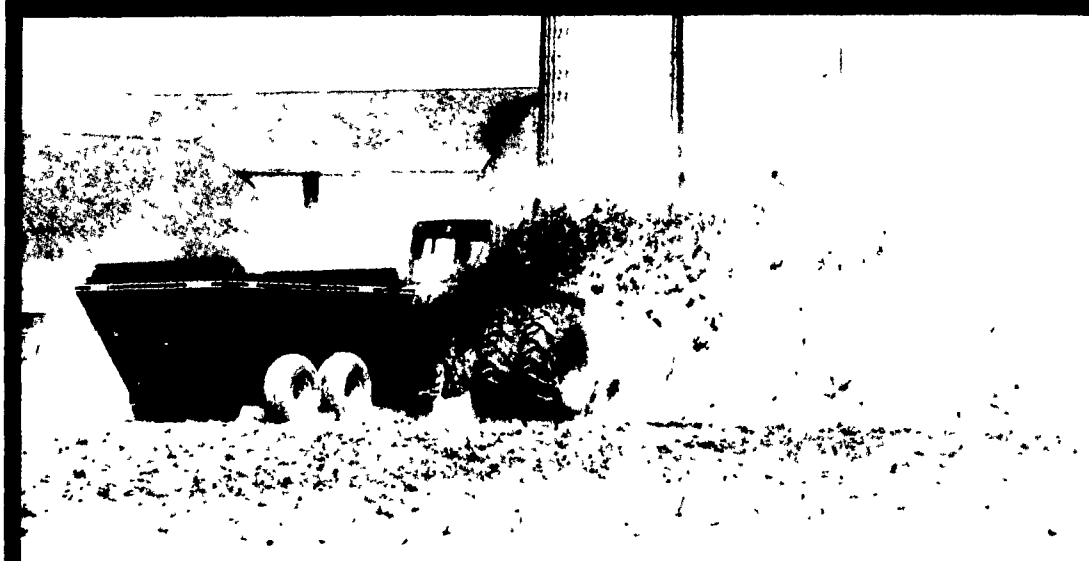
Name_____
Address_____
Town/City_____ County_____
Telephone No._____ Postal Code_____
I am interested in the following type of building:
Width_____ Length_____ Size of Door_____
Implement Shed Dairy Hog Other
Workshop Loose Housing Stable
Industrial Commercial Riding Arena
Date of Planning To Build_____ LF

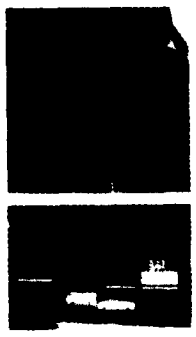
GEHL



Two spreaders in one

A Gehl Scavenger® II spreads both liquids and pen packed solids That's like getting two spreaders for the price of one a big advantage in today's increasingly competitive farm economy

And a Gehl Scavenger II keeps you ahead with exclusive features like these



Revolutionary patented square tube auger creates a unique pulse action that breaks up and blends manure more thoroughly than round augers The auger hydraulically powers **up and down** to chop through bridged material and to slice through frozen material

Exclusive Variflo side discharge provides smooth even spreads from fine top dressing to heavy springtime spreading

And the sealed welded Unibody construction is backed by a **10-year warranty** against rust through on the tank

Check out the versatile Scavenger II 345 468 and 596 bushel capacities Gehl offers the industry's most complete line of manure handling equipment with a full line of box spreaders slurry spreaders and liquid manure tankers plus lagoon pumps and manure loaders

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Grinder-Mixers, Manure Spreaders, Skid Loaders and Hay & Forage Equipment.

- **WAIVER OF FINANCE to October 1, 1988 ***
  OR...
- **LOW APR ***

12 month term	0%
24 month term	7.5%
36 month term	8.5%
48 month term	9.5%

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Berks Co. DHIA

(Continued from Page D6)

Whirlwind Acres	B3	118.7	87.6	16,860	600
Robert Yanos	B3	54.5	87.0	16,426	600
Eugene R Weaver	B3	37.8	87.3	18,377	601
Melvin M Oberholtzer	B3	43.0	84.4	17,970	599
James Phillips	3	55.3	86.8	17,766	599
Rodger L Wagner	B3	141.4	87.3	15,947	598
Meadow Spring Farm	B3	54.5	82.8	17,399	598
John H Stump	3	76.9	87.5	17,277	596
David L Phillips	4	41.3	87.3	12,898	596
Robert E Kieffer	G3	62.9	87.8	16,359	593
Win-Dale Farm	B4	50.6	89.0	11,797	592
Rothrock Golden Hol	B3	152.8	76.0	16,875	591
Mervin Z Martin	B3	41.9	90.7	17,438	591
Rolling Acres Farm	G3	39.5	86.1	17,316	589
J D Rosenbaum & Son	B3	76.8	87.8	15,650	589
Eleanor K Siegfried	3	121.9	91.2	15,453	587
E Daniel Leatherman	B3	66.8	89.5	15,832	587
Ken & Debra Dietrich	B3	47.4	81.4	16,462	586
Terry Kunkel	B3	40.9	82.3	16,805	586
L & L Farms	B3	46.1	84.8	15,815	586
William J Steckel	B3	60.9	86.5	17,243	586
David Risser	B3	43.5	87.8	17,278	584
Clarence E Sattazahn	3	106.7	89.9	15,531	582
Glenn E Hoffman	B3	58.7	82.5	15,980	581
Wilhelminia Schmidt	3	57.8	88.1	16,596	579
Wilson M Balthaser	B8	78.9	85.9	16,016	578
Carl H Rabenold	B3	67.5	83.4	16,863	578
Donald M Meyers	3	61.7	88.1	15,973	577
Ronald Weyer Jerseys	4	2.4	88.0	12,095	577
James H Adam	B3	111.2	85.7	15,090	577
Nelson Sensenig	B3	49.0	88.7	15,850	577
Pine Brook Farm	3	118.8	83.1	16,226	576
Mark G Hoch	B8	64.6	88.5	15,669	574
Debra Stoudt	4	8.1	87.3	12,654	574
Glenn R Harnish	B3	146.4	84.1	15,754	569
Elam G Hoover	B3	76.8	89.5	14,824	569
Harold Dietrich Hol	B3	32.9	91.1	16,883	568
Ronald Weyer Holst	B3	59.7	84.8	15,833	567
Ro Ria Farms	B3	231.3	91.4	15,417	567
Richard Schlegel	B8	62.6	86.3	15,733	564
Debra Stoudt	B3	19.4	80.8	15,668	562
Poplardrive Holstein	B3	45.0	88.3	14,722	562
James Phillips	4	4.8	89.4	10,943	560
Ronald L O Neil	B3	48.1	88.0	15,431	558
Donald E Landis	3	130.4	88.9	15,616	555
Albany Farm	B3	34.7	85.3	15,523	554
David L Phillips	1	1.2	83.8	13,475	553
Richard O Smith	2	59.9	89.3	16,087	731
Raymond Gross	3	42.7	89.2	20,385	728
Willow Ridge Farm	3	46.6	87.2	19,492	719
Crooked Acres Dairy	3	57.9	87.7	20,955	716
Delaware Val College	3	39.6	86.3	19,845	704
Paul L-Kevin Bishop	B3	66.7	88.4	19,898	695
David W Wurster	3	63.2	88.6	19,528	693
Moyers Village Farm	B3	88.9	86.2	19,698	691
Penrose and James	3	80.6	84.7	19,250	685
Loe-Linda Ford	4	2.0	82.2	14,100	683
James Pavlica	3	48.6	87.8	19,037	679
Joe & Linda Ford	B3	49.2	84.3	20,410	678
Robert-Donald Crouse	B3	64.1	88.4	18,496	678
David R Wolfinger	3	41.1	87.8	18,536	666

George & David Bishop						
Muffin	3	6-8	305	25,691	3.7	962
Alice	3	4-7	305	25,702	3.8	989

Bucks Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

April 1988

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
George & David Bishop	3	101.0	88.0	21,796	761
Bishcroft Farm	3	124.8	89.5	19,965	757
R Galen Leatherman	B3	38.3	86.2	20,580	751
Delaware Val College	5	13.7	87.3	18,122	749

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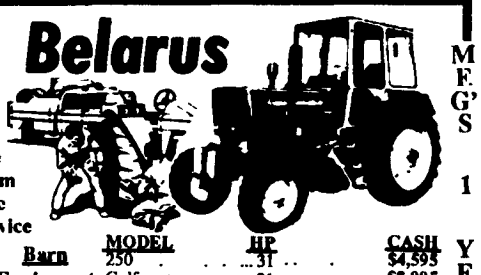

On The Farm Tire Service

Barn Equipment	MODEL	HP		CASH
	250	31		$4,595
	Golfmaster	31		$8,995
J-STAR	125 Backhoe Loader	31		$13,995
	400	57		$7,995
STARLINE	142LB Backhoe		Plus	
BUTLER	Loader 4WD.	57	Freight	$19,995
	420 AN 4WD	57	Less	$9,995
JAMESWAY	611 C w/rollbar	75	Trade-In	$10,995
BERG	505	70	Many	$10,995
	525A 4WD	70	More	$11,995
FIBERDOME	562 4WD w/cab	70	More	$13,679
FARMWAY	820 4WD	85	Sizes	$13,995
	822 4WD w/cab	85	Available	$14,795
	920 4WD	100		$18,495
	922 4WD w/cab	100		$20,395
	Engine for Replacement	31	Skid Loader	$2,395
		57	Power Plant	$2,395

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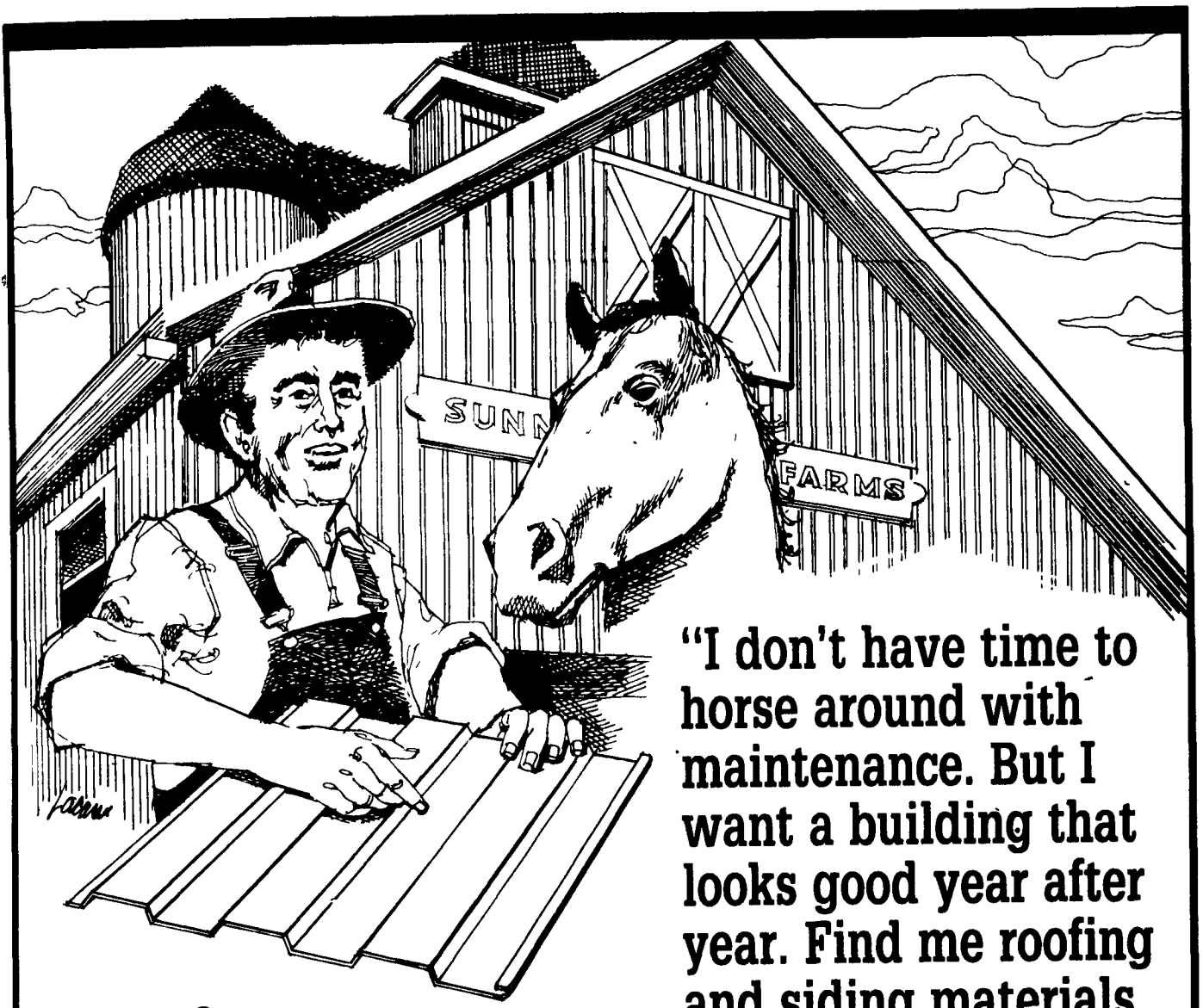

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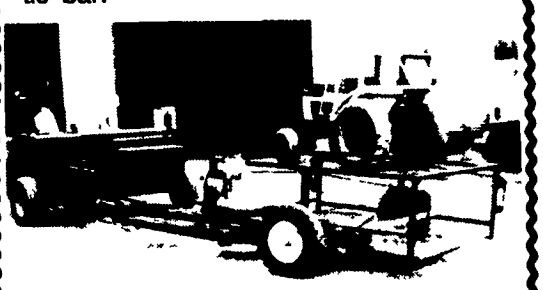


David O. Fink
RD 1 Box 429-F
Germansville, PA 18053
215-767-1408

Is He A Dairy Farmer Or A Toy Collector?

Dalton Biehl Answers To Both Titles

BY LOU ANN GOOD

KUTZTOWN — Other farmers might boast about their high horsepowered tractors, but not Dalton Biehl. Although he could brag about his International 966 tractor with its air-conditioned cab and 100 horsepower, he's much more enthusiastic when talking about his toy tractor collection.

When it comes to tractors, Biehl has more of an affinity to splurge on the diminutive models rather than on the working ones he uses on the family's 130-acre Kutztown dairy farm.

It's the stories behind and the history that surrounds these scale models that Biehl finds so intriquing. Biehl fingers his 1917 8-16 International Harvestor model and says, "My grandfather started farming with one like this." Today Biehl owns more than 250 different models, which trace the changes that have evolved in tractors and their implements throughout the century.

His interest in collecting was kindled by an ad he spotted in a 1981 issue of "Lancaster Farming." Biehl recalls, "A collector wanted to buy toys and I thought I'd sell him my childhood toys." But when he visited the collector, Biehl was enamored by the tractors which featured the details of the life-sized tractors. He decided to collect them rather than sell.

He began frequenting flea markets, scouting abandoned toys in sandboxes and traveling the circuit of toy collector shows. According to Biehl, the mania for collecting toy tractors began in the midwest. There, collectors organize and slate shows, which often attract 15,000 people. Biehl attended his first show in 1982 and has been to every major show on the east coast since then.

Ertl of Iowa is one of the major producers of farm toys. Biehl is the proud owner of a sand cast Model H with driver in the seat that sells for $350 and a 1930 McCormick-Deering Farmall. He has models of the five International tractors that he uses on his dairy farm and a complete line of New Holland equipment.

Inflation has hit the toy market just like it's life-sized counterparts. Biehl said that in 1976, he bought a tractor for $8; it now sells for $150.

Collecting scale model tractors is a family affair for the Biehls. From left: Dalton, Bradley, 8; Vicki and Kelly, 5.

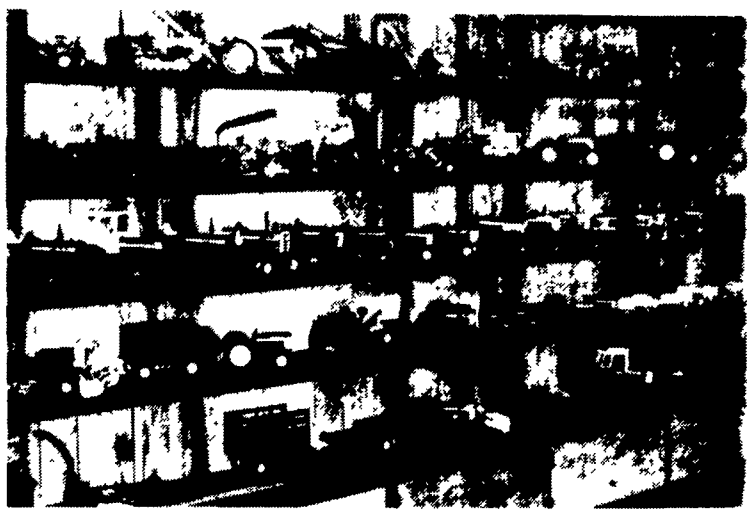
While talking about the resale value, Biehl picked up a model that his grandmother had purchased for him in the 1950's. She paid $1.98, now it's worth $150.

Not a bad investment, and that perhaps is the key for the collectors' mania that permeates the market. Multiply that by the extensive collection and you know the reason why collectors keep their toys behind lock and key.

In his search for authentic models, Biehl often had access to broken equipment and machinery. He perfected his craftmanship until he is now able to totally restore pieces to their original design and finish. Not only does he fix them for his own collection but also for other hobbiests.

Collecting is a family affair, for his wife, Vicki, and children, Bradley, 8; and Kelly, 5; attend the shows with him. "We made friends from Florida to Minnesota through the shows," Biehl remarked.

With an eye to the future, Biehl buys all the current models. Although Biehl started out with original pieces, he said, many companies are reproducing the older models for collectors. For those who are interested in collecting, Biehl stated that if you have the original box, the equipment is worth an additional $15 to $19.



Shelves line all sides of the room that showcases the more than 250 models that the Biehls have collected.

The Biehl's collection is not limited to scale tractor models. They also collect farming games, puzzels and riding toys. And Dalton has built a replica of their family's homestead, complete with barn, house, animals and equipment. Eight-year-old Bradley is following his dad's example by restoring toy tractors and wagons.

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4-H HAPPENINGS

Boots & Saddles

On the last Saturday in April, the Boots & Saddles 4-H club held their annual open show at Columbia Riding Club. The results of the show are as follows.

Adult Champion
Tammy Long
Adult Reserve Champion
Doug Ruppert
Children's Champion
Derek Bomberger
Children's Reserve Champion
Alison Farrington
Racing Champion
Noel Benner
Racing Reserve Champion
Traci Marshall

Grooming & Showmanship
12 & Under
1 Shannon Wolf, 2 Billy Joe May
13 to 18
1 Derek Bomberger, 2 Candance MacPherson
19 & Over
1 Jean Edwards, 2 Florence Letteer
Leadline
1 Doug Rubincam, 2 Justin Immel
Working Hunter
Horse
1 Kate Moxley, 2 Whitney Christian
Pony
1 Billy Joe May, 2 Laura Seaton
Hunter Hack
Horse
1 Kate Moxley, 2 Derek Bomberger
Pony
1 Billy Joe May, 2 Deanna Mentzer
Walk, Trot, Jog
1 Bob Harris, 2 Shannon Wolf.
Huntseat Equitation
Adult
1 Tammy Long, 2 Sarita Tevethia
Child
1 Alison Farrington, 2 Candance MacPherson
Barrels
1 Noel Benner, 2 Michelle Miller
Poles
1 Noel Benner, 2 Michelle Miller

Hunter Under Saddle
Horse
1 Tammy Long, 2 Alison Farrington
Pony
1 Kristen Myer, 2 Deana Mentzer
Key Hole
1 Noel Benner, 2 Traci Marshell
Scurry
1 Bobbi Miller, 2 Traci Marshell

Road Hack
1 Candance MacPherson, 2 Alison Farrington
Western Equitation
Adult
1 Donna Rivers, 2 Florence Letteer
Pony
1 Lori Harnish, 2 Melissa Harris

Green Pleasure
1 Alida Burkholder, 2 Natalie Kline
Western Pleasure
Horse
1 Natalie Kline, 2 Doug Ruppert
Pony
1 Dan Mahon, 2 Amy Harris

Novice 4-H Pleasure
1 Michael Mahon, 2. Missy Letteer.
Trail
Adult
1 Doug Ruppert, 2 Sarita Tevethia
Child
1 Melissa Harris, 2 Jessica Hill

Lancaster Ayrshire, Jersey, Brown Swiss

The Lancaster County Ayrshire, Jersey, Brown Swiss 4-H Club met recently and decided to visit Ardrossan Farms two weeks hence. The treasurer reported $300 in sales from the club's April sub sale. Kerry Boyd invited members to his farm to judge two classes of dairy cattle on June 13 at 7:30 p.m. Anyone interested in joining the club is welcome. Call Heather at 717/354-8745 for directions.

The meeting closed with a discussion on improving record-book scores by club president, Angie Spickler.

Avon-East

The Avon-East 4-H Club recently held a meeting at Avon Zion United Methodist Church. President Yvonne Kapp conducted the meeting, where seven members were present.

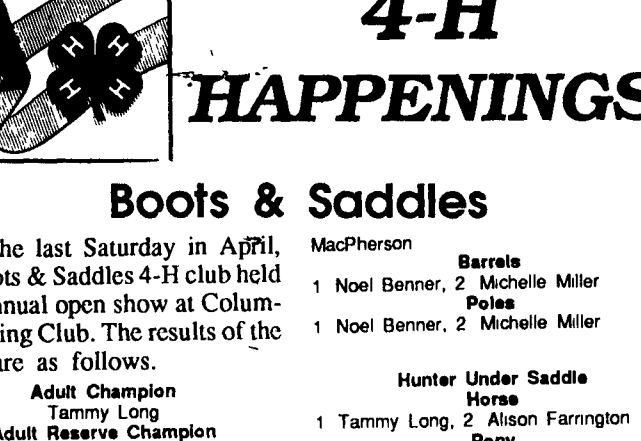
Project books were distributed to members. The new officers are Yvonne Kapp, president and treasurer; Susan Simmons, vice president; Sherri Beck, secretary; April Barto, news reporter; Nathan Arnold, song leader; and Jason Zimmerman, game leader.

Franklin County Beef

The Franklin County 4-H Beef Club held their annula weigh-in, TB testing, and noseprinting for their 4-H project steers recently. Twenty-nine members joined the club and elected Donnie Sheiss, president; Dana Statler, vice president; Trina Eshelman, secretary; and Darren Meyers, treasurer.

The club is planning its annual 13th county Spring Preview Show on June 4 at the Shippensburg Fairgrounds.

John Deere Diesel Headquarters Summer Clearance



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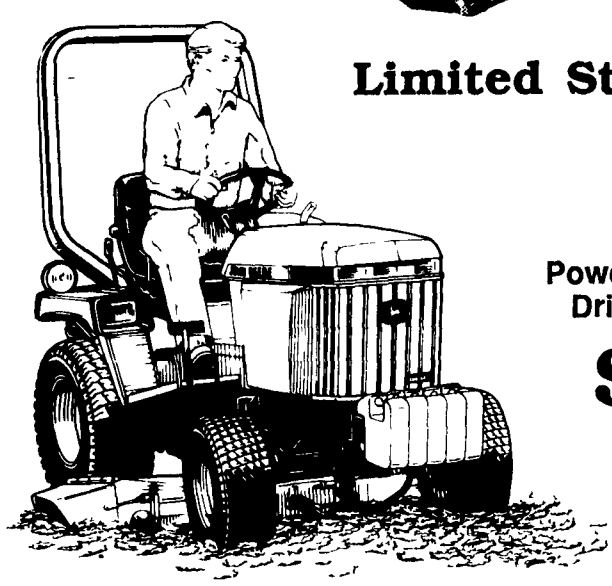

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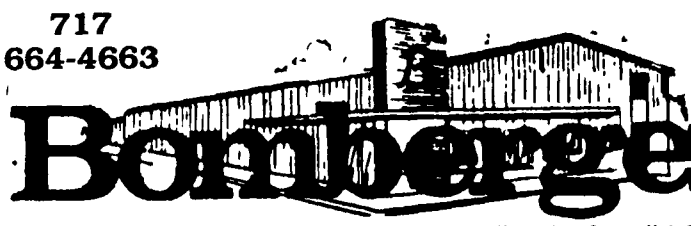

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New York and New Jersey Dairy Farmers Win Milk Awards

ITHACA, NY — Three hundred fourteen Northeast Dairy Herd Improvement Association members have won Quality Milk Awards based on their records for the 1987 test year. The measure of quality was the somatic cell count of the milk produced by these members.

Somatic cells are white blood cells and milk secreting cells that are found normally in milk. A number of factors, including stress, age, and clinical or subclinical udder infections have a direct bearing on the amount of somatic cells found in the milk produced on a particular dairy farm.

High somatic cell count milk can be off-flavored, have a decreased shelf life, and a lower yield of cultured dairy products. Also, increased somatic cell counts lead to a permanent, significant loss in milk production. Both of these conditions mean lower profits for dairy farmers.

Attention to detail is the key to keeping levels of somatic cells low. This includes constant monitoring of barn and pasture cleanliness, working condition of milking equipment, milking technique, and actual udder infections. Northeast Dairy Herd Improvement Association provides a monthly report that keeps track of individual, average, and group average somatic cell counts, so problems can be detected early and changes can be made.

Northeast DHI members who maintained a herd average tank somatic cell count of 175,000 cells or less per milliliter of milk were awarded special Quality Milk Award barn signs for the 1987 test year. The following Northeast DHI members are commended for their outstanding efforts in somatic cell count management:

NEW YORK

Allegany

Marvin & Kevin Redman, Fillmore, NY, Daniel Craft, Wellsville, NY; Jerry M Knapp, Wellsville, NY; Robert T Chamberlain, Belfast, NY, James M Wilcox, Almond, NY; Dal-Co-Holsteins, Freedom, NY; Steve & JoAnne Carlson, Houghton, NY; Lester E. Hess, Andover, NY, NYS Ag & Tech College, Alfred, NY.

Broome

Dew-Dec Farm, Inc., Windsor, NY, Stephen Supa, Johnson City, NY, Charles & Roberta Mras, Lisle, NY

Cattaraugus

Valley-Ridge Farm, East Otto, NY, Gary & Wilson Burroughs, Little Valley, NY; Hugh L Martin, Olean, NY; C J & B D George, Delevan, NY; Ronald & Karen Chase, South Dayton, NY, Henry & Dorothy Krotje, Franklinville, NY, D L. & L S Graves, Randolph, NY, Phair View Farm, Otto, NY, Ronald & Penny Parker, Randolph, NY, Ronald L Kratts, Hinsdale, NY, Eagles Rest, South Dayton, NY; Coldspring Dairy, Randolph, NY

Cayuga

Verne & Sue Montana, Cato, NY, George Saxton, Jr, Union Springs, NY, Keith & Bruce Hatfield, Scipio Center, NY; Wallace Jayne, Moravia, NY, Green Hill Farm, Scipio Center, NY, Thomas B O'Neil, Weedsport, NY, Fesseden Farms, King Ferry, NY; W W Patterson, Auburn, NY

Chautauqua

Roger Trump, Westfield, NY, Robert Cross, Kennedy, NY, Thompson Farm, Kennedy, NY, Howard Crump, Sherman, NY, Dalmore Holsteins, Sinclairville, NY, Alfred & Cheryl Person, Sherman, NY, Mike & Cathy Gruber, Forestville, NY, Chylinski Dairy Farm, Ripley, NY, Nelson Te Croney, Clymer, NY, Maynard Damcott & Sons, Clymer, NY, Norman E Lundmark, Frewsburg, NY, Curt Nyweide, North Clymer, NY, Crist Detweiler, Sherman, NY

Chemung

Ed & Martha Faulkner, Pine Valley, NY

Chenango

Herman Ruigrok, Pitcher, NY, Monty Micha, Greene, NY, Ronald & Stanley Davis, Georgetown, NY, C E & Peter C Lathrop, Sherburne, NY, Lawrence Post, Sherburne, NY; Eiholzer Farms, West Edmeston, NY, Edward Button, West Edmeston, NY

Clinton

Robert Rulfs, Peru, NY, Donald Dimock, Peru, NY, Miner Institute, Chazy, NY, Rovers Farm, Inc, Chazy, NY, G & M Farm, Plattsburg, NY, Happy-Haven, Mooers, NY, Gloria & Tim Neverett, Chazy, NY, Gerald Guay, Champlain, NY, Val-E-Vue Farm, Saranac, NY, Barlow's Ayrshires, Plattsburgh, NY, Staffordshire Farms, Inc, Peru, NY

Columbia

Joe, Mar, Bill, & Trina Kilcer, Hudson, NY, Chappius Brothers, Hillsdale, NY

Cortland

William E Bean, McGraw, NY, Leonard & Aaron Kimmich, Marathon, NY; Maplelane Manor Farm, Apulia Sta., NY, Howard A Ford, Cortland, NY, Daniel W Vuille, McGraw, NY, Gerald Neuman, Homer, NY, Heritage-Hill Farm, Truxton, NY, Ronald Beck, Freeville, NY

Delaware

Richard Button, Roxbury, NY, Ernest Hanselman, South Kortright, NY, John Versweyveld, Schenevus, NY, Robert Johnson, Halcott Center, NY; Floyd & Linda Allen, Sidney Ctr, NY, Chapel Bank Farm, Hobart, NY, Middlebrook Farm, Jefferson, NY; Michael & Sharon Hogan, Roxbury, NY; Jim & Ed Slicer, Jefferson, NY; Paul & Wendy Deysenroth, Bloomville, NY, Mountain Crest Farms, Masonville, NY

Dutchess

Bos-Haven Farm 1, Verbank, NY

Erie

James Coffta, Akron, NY, Frederick Haler, Lawtons, NY; Byron Mesch, Collins, NY, Charles Richmond & Sons, North Collins, NY, James Earl, East Concord, NY; Mammoser Farms, Inc, Eden, NY, Yvonne Gabel, Chaffee, NY, Early-View Farm, Akron, NY, Gregory & Donna Waterman, East Concord, NY, Norman Vance, Collins, NY, Rupp Farms, East Aurora, NY

Essex

Reginald Carver, Willsboro, NY

Franklin

Tom & Nancy Hamilton, Malone, NY, Robert Plante, Constable, NY; Elmshade Farm, Burke, NY; Robert Debyah, Bangor, NY, Wayne R Scott, Constable, NY, Learned Brothers, Malone, NY; Weathervane Ayrshires, Malone, NY, Keith & Karen Woodworth, Burke, NY, Jim Manley, Sr, Malone, NY

Genesee

Joseph & Randall Yousey, Basom, NY, Offhaus Farms, Inc, Batavia, NY, David Miller, Batavia, NY, Post Farms, Oakfield, NY, Roger Snell, Corfu, NY, Pagen Farms 2, Leroy, NY, Valley View Farm, Alexander, NY

Herkimer

Kingvue Holsteins, Jordanville, NY, John T. Hathaway, Ilion, NY; Canary Farms, Poland, NY, John & Lorraine Sweetman, Ilion, NY, Randy & Liz Jackson, Fort Plain, NY.

Jefferson

Pennock Farms, Carthage, NY, Howard D. Barney, Adams, NY; Donald Holman, Adams, NY; Adamshore Farms, Dexter, NY, Carl & Randy Horton, Philadelphia, NY, Michael Northrop, Adams Center, NY, Reed Haven Farms, Adams Center, NY; Magos Dairy Farm, Adams, NY; Aver-Berkendijk Dairy Farm, Philadelphia, NY, Arrowdale Farm, Mannsville, NY, Just-Mor Farm, Clayton, NY

Lewis

Higby Brothers, Constableville, NY, Kenneth Mayhew, Jr., Lyons Falls, NY

Livingston

Awid Farm, Caledonia, NY; Roger L Humphrey, Springwater, NY, W Curry & Sons, York, NY, Robert Brisbane, Lima, NY

Madison

Calvin & Gerald Wood, DeRuyter, NY, Earlin Holsteins, Morrisville, NY, D Waterman, Madison, NY, Carol Waterman, Madison, NY, Shepard Farms, Cazenovia, NY

Monroe

Floyd & Terry Rothfuss, Fairport, NY

Montgomery

Chris M Wilcox, Canajoharie, NY, Gordon & Don Schaufelberg, Amsterdam, NY, David A Palmer, Amsterdam, NY

Niagara

Duane & Gary Klumpp, Appleton, NY, Retawta Farm, Barker, NY, L. Kowalski, Lockport, NY, Swallow Haven Farm, Niagara Falls, NY; L. & R. Wiepert, Ransomville, NY, Frank Canfield, Ransomville, NY, Gary & Pamela Craig, Ransomville, NY, Milleville Brothers, Sanborn, NY

Oneida

Peter J. Mierek, Westernville, NY, Bruce & Louise Holck, Remsen, NY; Brian Stolarcyzk, Madison, NY, Robert Frost, Jr., Cassville, NY, Loughlin Farms, Sauquoit, NY; John & Paul Gallagher, Sangerfield, NY, Viktoria Farms, Holland Patent, NY.

Onondaga

Oliver Farms, Marcellus, NY; George Hanford, Marcellus, NY; Terry Wheeler, Marietta, NY; Jerry & Mary Crego, Memphis, NY.

Ontario

Brock-Acres, Canandaigua, NY; R. Harvey English, Shortville, NY; Bennett Farms, Holcomb, NY; Kevin & Robert Phalen, Gorham, NY; Kevin & Barb Nedrow, Clifton Springs, NY; Charles Walker, Geneva, NY, Bernard Knopf, Canandaigua, NY.

Orange

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(Turn to Page D11)

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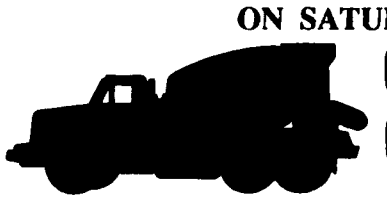

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Frozen Yogurt:
A New Way To Keep Cool

ATLANTA, GA — Looking for a refreshing new way to cool down this summer? Few foods are capable of providing as tangy a thrill on a hot summer's day as frozen yogurt or milk-based fruit sherbet. Easy to make at home, either can serve as a dazzling dessert or refreshing pause all year long.

Frozen yogurts and fruit sherbets have gained popularity in the 1980's as American's strive to slim down. Both are natural extensions of the ongoing quest for foods that are lighter, healthier, and less fattening. Checking the calorie count for either dessert will reveal that each is low in calories but big on flavor.

Most people are used to making homemade ice cream with milk, whipping cream, sweeteners, and flavorings. But for a change, you can make frozen yogurt by substituting plain or flavored yogurt for milk. Many people add milk anyway, to make the product smoother and richer.

Flavored with fruit purees, juices, or extracts, there is no limit to the flavors you can create.

If you prefer to forego the work at home, you can get frozen yogurt, soft or hard, in cups, cones, sundaes, or on a stick.

Milk Sherbets

Whole milk is the main ingredient of milk sherbets, though you can substitute lowfat milk if you are concerned about calories.

Milk sherbets don't have as rich and smooth a texture as ice cream, so stabilizers such as gelatin or egg whites are added to give sherbets a lighter, airier texture.

Fruit flavored sherbets can be made with a variety of fruit purees and juices, sweeteners such as sugar and honey, flavor extracts, or liqueurs. The most popular sherbets are orange, pineapple, lime, raspberry, and lemon.

Homemade yogurts and sherbets are a tantalizing way to ensure that you are meeting your daily needs for calcium, protein, and riboflavin.

Best of all, these treats can be made in minutes, thanks to the variety of ice cream freezers now available for home use.

Whatever your taste or diet considerations, frozen yogurts and milk sherbets can be counted on for a calorie-conscious step towards good taste and nutrition.

New York and New Jersey

(Continued from Page D10)

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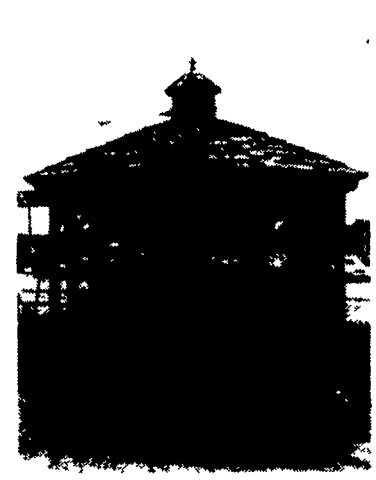

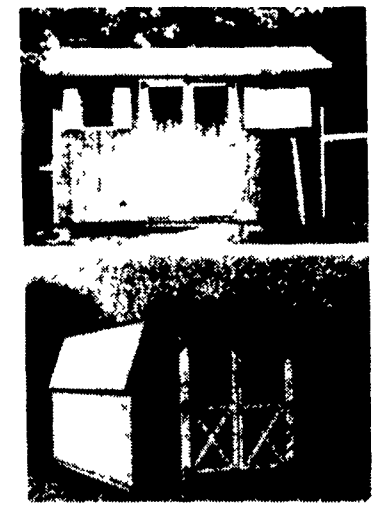

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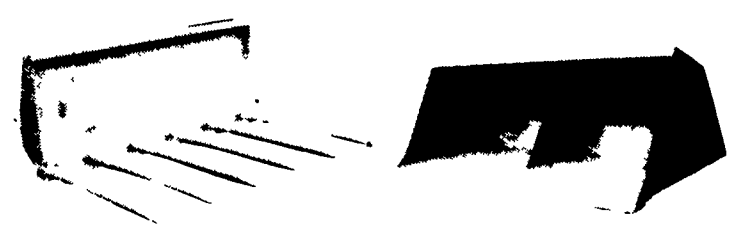

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May Milk Marketing News

BY LAWRENCE YAGER
Cooperative Extension
Adams Co.

SAME SONG

You are probably getting tired of hearing the bad news but your Minnesota-Wisconsin (M-W) Price Series dropped another 15 cents to $10.66 per hundredweight (cwt.). The average butterfat content of that milk was 3.71 percent compared to 3.74 the previous month. When it is standardized to 3.5 percent butterfat you get a Basic Uniform Price of $10.33 per cwt. You are now down to the support price for milk at 3.5 percent butterfat. How long can you hang on at these prices?

Milk producers in Order 4 will get $13.36 per cwt. for Class I milk in the month of June. Order 2 shippers will get $12.88 per cwt. for Class I milk. The weighted average for April milk in Order 4 was $11.85 per cwt. compared to a blend price of $10.92 in Order 2. Even if the M-W price stays the same, Order 2 shippers will be getting even less because of the Louisville Plan take out will be 40 cents in May and June. The only salvation will be the premiums the RCMA and MACMMA will pay their members for Class I milk. They are attempting to offset as much of the gap between present and last year's producer milk prices as possible. To be effective they need all the members they can get.

Milk production in Order 4 decreased another 1.6 percent of 9 million pounds from the same month a year ago. Class I utilization was 2.5 million less than a year earlier but the percentage was up by .3 percent due to the decrease in production.

SOLUTIONS

The National Milk Producers Federation (NMPF) is working on a lobbying effort to head off a further cut in federal milk price support next January. The NMPF is urging all dairy producers to contact their senators and House members to bring pressure on Secretary Richard Lyng to start a new dairy herd buyout or a diversion program this year. Lyng has been steadfast against reviewing either program.

James Camerlo, president of the NMPF stated that milk producers want a program of about half the size of the Dairy Termination Program (DTP) that ended last year. The federation estimates indicate that a limited DTP of about 4 or 5 billion pounds would cost the government the same as buying dairy products which in 1989 will be around the 8 billion pound level. Last year's program removed 12 billion pounds.

Some of the other solutions to the price cut dilemma would include other ideas in addition to voluntary supply management, with or without the producers financing it.

Another possibility is for the government to spend more money and buy more dairy products to feed to the needy. This could be charged to welfare programs. Of these, the NMPF leans toward the voluntary supply management program because it could be implemented by the Secretary of Agriculture under the present Farm Bill. Other approaches will require an Act of Congress and there is considerable reluctance to make changes that would add to budget costs.

The National Commission on Dairy Policy recommended a "two-tier" pricing program or a DTP if support price changes don't bring production into line with consumption.

FEDER ORDERS

Though there will probably be very little change in national dairy programs this summer, Tom Jurchak tells us that we'll see plenty of action in our local Federal Milk Marketing Order. Dates, places and times are being set for hearing proposals to amend Federal Orders 1, 2 and 4.

One of the top items will offset producers in the Order 1 (New England) and Order 2 (New York-New Jersey). In this case the proposal is to replace the Louisville Plan with a Base-Excess Plan similar to the one in Order 4.

In addition, there is a proposal to change the transportation differentials in Order 2. Another proposal provides for three classes of milk in all three orders. Tom feels the above mentioned proposals are most likely to be heard but in addition, others may be considered such as: twice-a-month payments to producers, uniform fluid milk definitions and increasing the handlers assessments from four to five cents to cover the costs administering the order.

These three orders cover an area from Maine to Maryland. Order 2 would like to merge the three into one, but the other two were not interested.

Federal Orders are written to regulate handlers selling milk in a specified area. The responsibility to hold the hearings and write the decisions is under an administrative law judge. Changes cannot take place until voted on by affected producers in a referendum. Interestingly, they will be voting for the Federal Order with

(Turn to Page D13)

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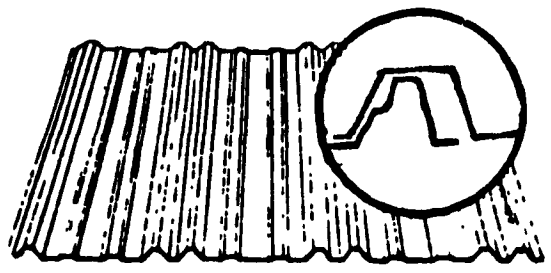

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Keeping Summer Foods Safe

NEW YORK — While the United States food supply is among the safest in the world, food safety cannot be taken for granted. As summer approaches, outdoor festivities and frequent celebrations involving food may increase our concern about food safety. Foodborne illness is not a new problem nor is it only related to warm-weather months. Occasional outbreaks of food-related illness do occur throughout the year and serve as a reminder that food safety is often the consumer's responsibility.

Today, scientists view food (bacterial) contamination to be the most likely threat to food safety. Fueled by a few rare but well-publicized outbreaks of foodborne illness, consumer concern for safe food is rising. Unfortunately, there is no such thing as a completely risk-free food supply. However, there are several steps which can protect the safety of one's food supply and personal health.

Most food-related illnesses are caused by faulty handling and care of food. Ninety-seven percent of reported bacterial illnesses are traced to food mishandling in foodservice establishments and home; while only 3 percent result from mishaps in food processing plants. Symptoms of food-related sickness range from temporary stomach discomfort with mild to severe nausea, vomiting, abdominal pain, and diarrhea to serious and even fatal conditions. Those most susceptible to severe effects include young children, the elderly, and those who are chronically ill. DAIRY COUNCIL INC. recommends the following tips to insure the safety of your food:

* To prevent or minimize bacterial growth, keep food within safe temperature ranges. Keep cold foods below 39 degrees F; hot foods above 150 degrees F.
* Practice good personal hygiene habits. Wash hands thoroughly before and after food preparation.
* Purchase food from a "safe" source — a known vendor or store. This rule also applies to dining out: choose clean and neat restaurant establishments.
* Avoid "cross-contamination." Use separate cutting boards and utensils for raw and cooked items.
* Cook food adequately to destroy most all food bacteria.

Adherence to proper handling and storage techniques is necessary to minimize outbreaks of foodborne illness. Food safety is your responsibility.

May Milk Marketing News

(Continued from Page D12)

the changes or having no order at all.

From a procedural standpoint, if you want to give an opinion or present testimony, it must be done at the hearings. Once the announcement of a hearing is made, you must make it known that you want to make a presentation. You should have it in writing and it would be well to try it out on some of your friends beforehand.

STATISTICS

Pennsylvania plants manufactured 90.3 million gallons of ice cream last year which is up two percent from 1986. The state holds second place in National ranking in total ice cream production. California leads in total ice cream production with 108.3 million gallons. Ice milk production in the state during 1987 totaled 17.7 million gallons, up 10 percent from the previous year. Milk sherbet production amounted to 3.7 million gallons, an increase of 7 percent over 1986.

Dairy manufacturing plants in Pennsylvania produced 57.2 million pounds of butter during 1987, down 16 percent from 1986. Creamed cottage cheese production was 37.8 million pounds, up 11 percent while curd cottage cheese production in the states was 42.8 million pounds, an increase of 10 percent over the previous year.

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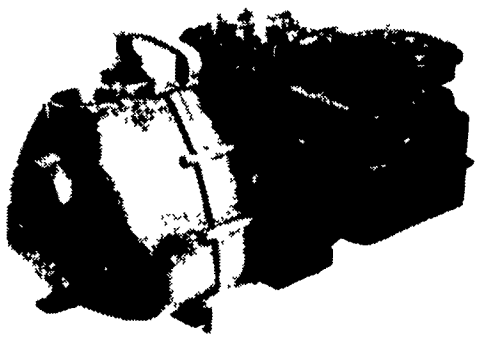

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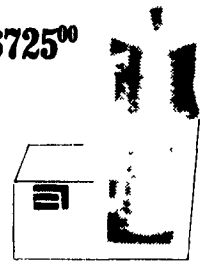

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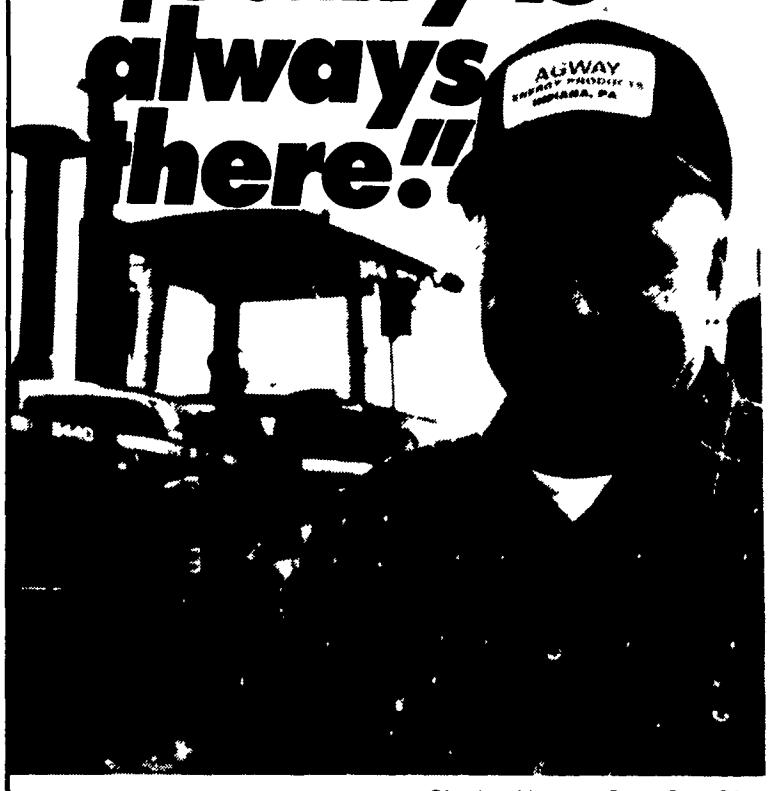

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NOTE TO CHOCOLATE LOVERS: CHOCOLATE MILK PROVIDES CALCIUM

Calcium from chocolate milk may be absorbed as well as calcium from other dairy foods such as whole milk, cheese and yogurt, cites a recent study in the American Journal of Clinical Nutrition. A substance found in chocolate milk — oxalate (a compound occurring naturally in cocoa beans and other plants) — was previously believed to impair the absorption of calcium in chocolate milk. This new study, conducted by Drs. R. R. Recker, R. P. Heaney and others, suggests that the effect of oxalates in chocolate milk can "safely be ignored." Chocolate milk is one of the richest sources of calcium — each 8-ounce serving provides 28 percent of the U.S. Recommended Dairy Allowance for this nutrient, says Dairy Council Inc. of Southampton, PA.

FAST-PACED AMERICANS EAT OUT, SKIP NUTRITION

American adults spend nearly 40 percent of their food dollars on take-out and restaurant items, reports a recent study of the Food Marketing Institute and Campbell's Soup. "Changing lifestyles seem to reinforce the growth potential of the take-out food market . . . more career-oriented people, busier people, more contemporary values, less dependence on the traditional home-prepared foods," the study says. Those surveyed said that although take-out food is fun to eat, it is too greasy and fattening and few credit it with being nutritious. To appeal to this group, Dairy Council Inc. of Southampton, PA is introducing "Nutrition and Your Busy Lifestyle," a nutrition education program which will provide consumers with practical ways to incorporate a balanced, healthy diet into their busy lifestyles. The program will be conducted at worksites, through hospitals, and in other community settings.

TAKE A DEEP BREATH AND ENJOY YOUR MILK

The vitamin A found in milk and meat may help protect lungs from decreased air capacity — a condition which affects adults later in life and those who smoke, notes a U.S. Public Health Service Memorandum regarding data from a recent national government survey. The study reported a decrease in the incidence of airways obstruction (an indicator of diminished lung capacity) as milk and vitamin A intake increased. The form of vitamin A in milk and meat, but not in fruits or vegetables, was associated with healthier lungs among the survey participants, says Dairy Council Inc., Southampton, PA.

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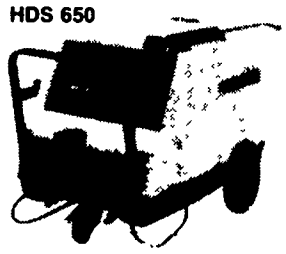
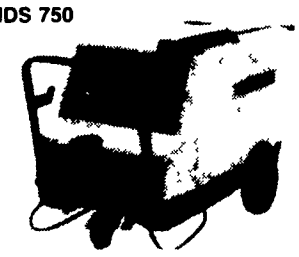

1000 PSI

HDS 750

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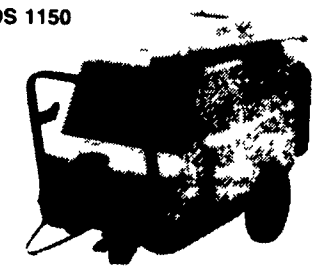
HDS 1150

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Three Phase

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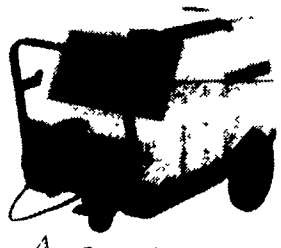
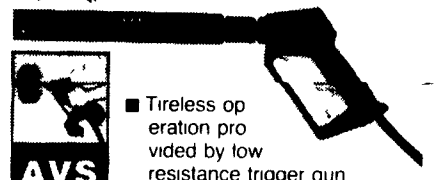

2300 PSI

1. Comfortable Operation

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■ Tireless operation provided by low resistance trigger gun and patented AVS Anti-Kink-System with rotating high-pressure hose and spray wand from the most advanced ergonomic technology (Patent No DE 3407744 HDS 650 750) Comfortable to work with no kinking of the high-pressure hose

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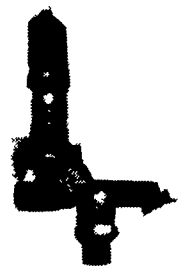
■ Compact direct drive axial piston pump and blower for higher efficiency
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■ Vertical heater coil for condensation free heating comes complete with a 2-year warranty
■ 90% fuel efficient burner system provides maximum fuel savings Smoke-free constant ignition reduces exhaust gases
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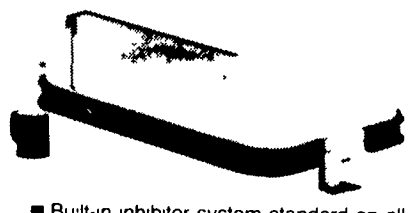
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Managing Lactose Intolerance

ATLANTA, GA. — While most people in this country were growing up drinking milk and being taught that it builds strong teeth and bones, there was a small percentage of the population who were being told to avoid dairy foods because they were lactose intolerant.

Today, there is help for those who suffer from lactose intolerance, and the treatment includes being able to enjoy milk and milk products in moderation.

People who are lactose intolerant have difficulty digesting the sugar, or lactose, in milk. The lactose passes through the digestive system without being absorbed and can cause gas, cramps, or diarrhea.

It is a condition which most often affects Blacks, Hispanics, Orientals, and Native American Indians.

For many years, people who suffered from this condition were simply told to avoid all dairy foods. While this solved the immediate problem, it often had long-term health implications.

Milk and milk products provide many vitamins and minerals which are essential to a healthy diet.

Dairy foods are high in roboflavin and protein, and account for more than 75 percent of the calcium in the American food supply. Scientific studies have already shown that not getting enough calcium in your diet may lead to the development of osteoporosis, the brittle bone disease.

But today, lactose intolerant individuals are able to get all of the nutrients provided by milk and milk products, because doctors are recommending that they be taken in moderation. Recent research shows that four out of five people with lactose intolerance can digest an eight-ounce glass of milk with a meal and not have any symptoms.

Ways to Avoid Symptoms

A good way to avoid the problems associated with lactose intolerance is to drink milk with a snack or meal. The digestive process is then slowed by the solid foods, reducing the chance for symptoms.

One of the most enjoyable methods is to eat dairy foods like ice cream and milkshakes. Because they pass slowly through the digestive system, they are less likely to cause problems.

Cheeses usually will not cause problems because they are low in lactose. Aged hard cheeses such as cheddar, Swiss, and Parmesan are particularly good choices.

Enzyme Products

If you are lactose intolerant, then your doctor or dietitian may recommend that you add an enzyme directly to your milk to aid in digestion. Two of the more common brands are Lactaid and Lactrace. Some physicians suggest using enzyme tablets which release lactase in your stomach. Also, more and more supermarkets are beginning to carry lactose-reduced milk.

Guidelines

If you suffer from lactose intolerance, try these four tips to keep milk and milk products in your daily diet:

1. Drink one eight-ounce glass of milk with a meal or snack.
2. Choose cheese, yogurt, or ice cream, which digests more thoroughly in the stomach.
3. Look for lactose-reduced milk in your local grocer's dairy case.
4. Add an enzyme such as Lactaid to your milk to break down the lactose.

It is best to consult with your physician before making any changes in your diet.

Cheever Joins White-New Idea As Vice President Of Marketing

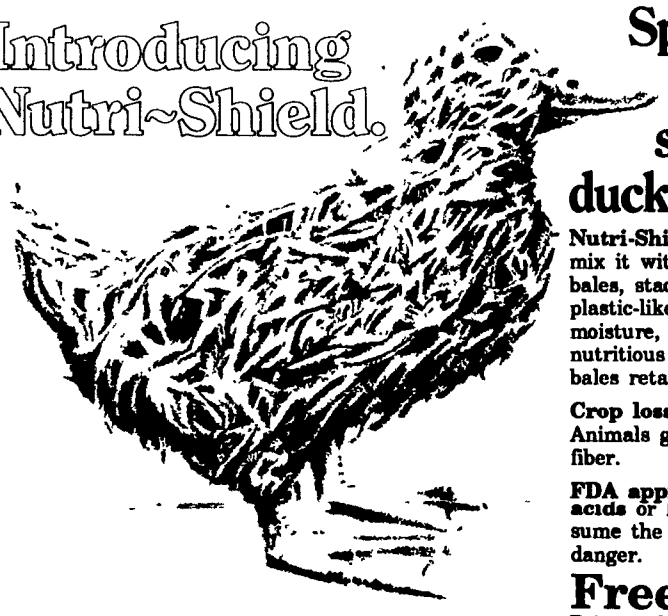
COLDWATER, Ohio — Ron Hottes, president of White-New Idea Farm Equipment Company, recently announced the appointment of Wilber D. Cheever as vice president of marketing for the company.

The marketing activities Cheever will direct include product planning, market research, advertising and promotion, and graphic services. He will be responsible for both product lines for the company, White Farm Equipment and New Idea Farm Equipment.

"The White-New Idea consolidation now makes us a full-line farm-equipment manufacturer with a solid history in agriucltural equipment design and engineering," Cheever said. "An aggressive marketing program, focusing on our collective strengths will help to position the company as a vigorous and vital player in the farm-equipment market."

Cheever has a Bachelor of Science Degree in mechanical engineering from Tufts University of Medford, Massachusetts and a Master of Science Degree from Rensselaer Polytechnic Institute in Troy, New York. He has nearly 20 years of experience in product engineering and marketing in the heavy-truck industry. Prior to joining White-New Idea, Cheever was the marketing manager for Jacobs Manufacturing in Bloomfield, Connecticut.

Introducing Nutri~Shield.



Spray it on forage crops and they shed water like a duck's back.

Nutri-Shield comes in powder form. You mix it with water and spray it on your bales, stacks or cubes. It dries to a resilient, plastic-like coating that shields the crop from moisture, inhibits mold and rot, saves nutritious alfalfa leaves and helps bit, round bales retain their shape.

Crop losses are significantly reduced. Animals get more palatable feed, protein and fiber.

FDA approved Nutri-Shield contains no acids or harmful chemicals. You could consume the ingredients in Nutri-Shield without danger.

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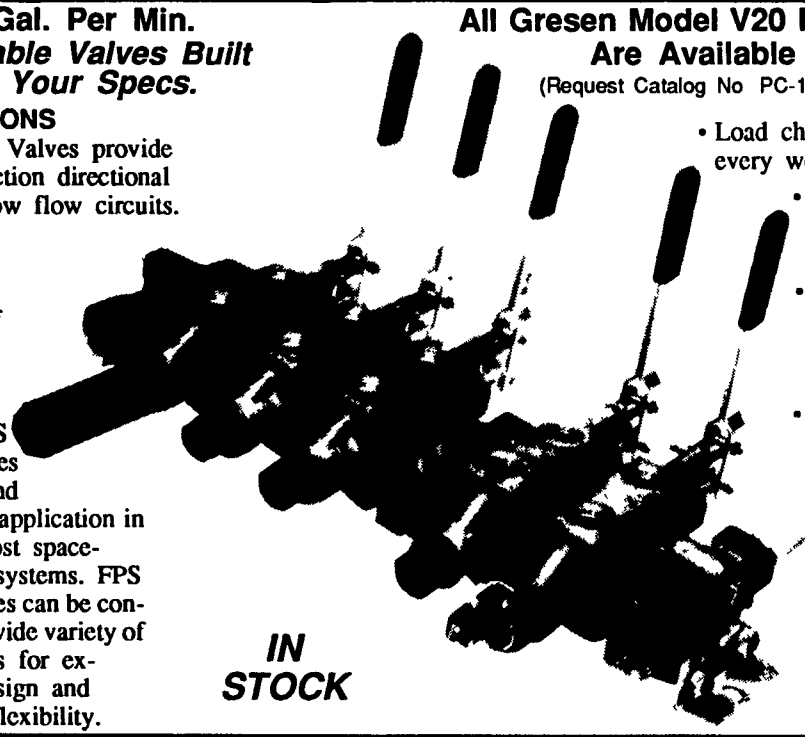

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14L-161 6 Ply TL	$219.00
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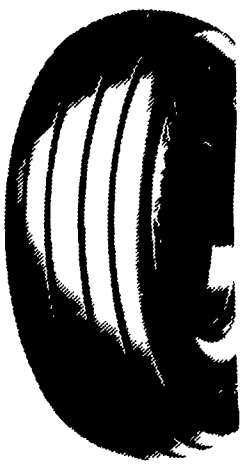

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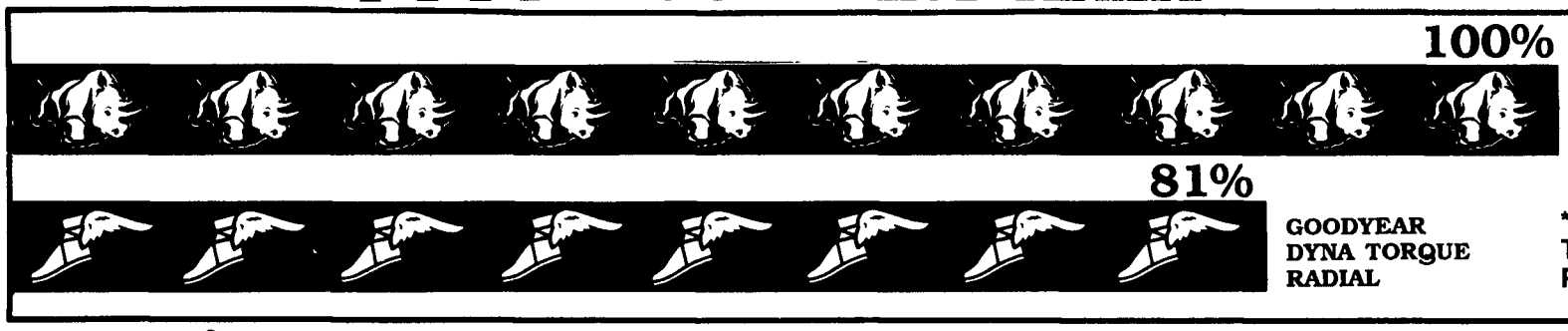

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14.9x26, 6 Ply	$185.00	16 9x34, 6 Ply	$270.00	15.5x38, 8 Ply	$260.00
18.4x26, 6 Ply	$260.00	18 4x34, 6 Ply	$310.00	16 9x38, 6 Ply	$295.00
18 4x26, 10 Ply	$325.00	18 4x34, 8 Ply	$335.00	16 9x38, 8 Ply	$325.00
23 1x26, 8 Ply	$525.00	20 8x34, 6 Ply	$475.00	18 4x38, 6 Ply	$340.00
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12.4x28, 4 Ply	$137.00	23.1x26, 10 Ply	$600.00	20 8x38, 8 Ply	$510.00
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13 6x28, 6 Ply	$165.00				
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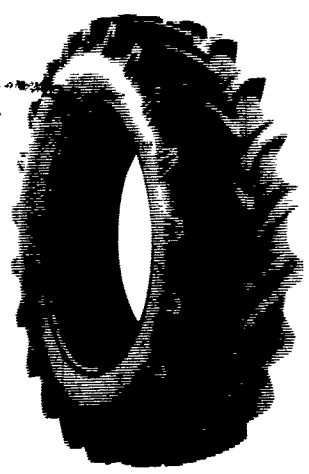

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20 8R34 8 Ply	$539.00
20 8R38 8 Ply	$649.00
20 8R38 10 Ply	$729.00
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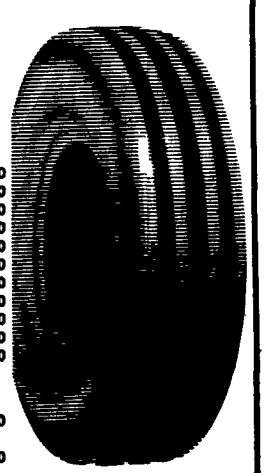

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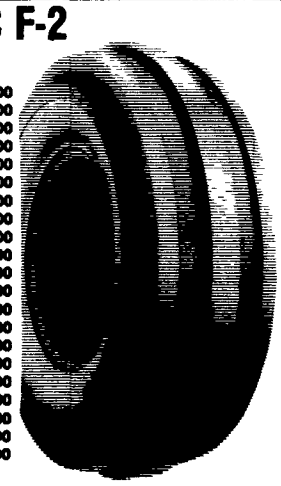
11L-15, 8 Ply	$81.00
10 00-16, 6 Ply	$81.00
10 00-16 (TL), 6 Ply	$100.00
10.00-16 (TL), 8 Ply	$110.00
11.00-16, 6 Ply	$102.00
11 00-16 (TL), 6 Ply	$112.00
11 00-16, 8 Ply	$110.00
11.00-16 (TL), 8 Ply	$123.00
14L-16.1 (TL), 6 Ply	$150.00
14L-16.1, 8 Ply	$164.00
16 5L-16.1 (TL), 8 Ply	$250.00

★ 5-RIB ★

1100x16, 12 Ply, Tubetype	$145.00
1100x16, 12 Ply, Tubeless	$160.00

TRU-TRAC F-2

★ 3-RIB ★



400-12	$23.00
400-15	$25.00
400-19, 4 Ply	$31.00
500-15	$31.00
550-16, 4 Ply	$33.00
550-16, 6 Ply	$37.00
600-14, 6 Ply	$52.00
600-16, 4 Ply	$37.00
600-16, 6 Ply	$41.00
650-16, 6 Ply	$43.00
750L-15, 6 Ply	$50.00
750-16, 8 Ply	$54.00
750-15, 6 Ply	$50.00
750-18, 6 Ply	$64.00
750-20, 6 Ply	$80.00
9 5L-15, 6 Ply	$58.00
9.5L-15, 8 Ply	$63.00
10 00-16, 6 Ply	$81.00
11Lx15, 8 Ply	$77.00
1100-16, 8 Ply	$110.00
14L-16.1, 8 Ply	$170.00

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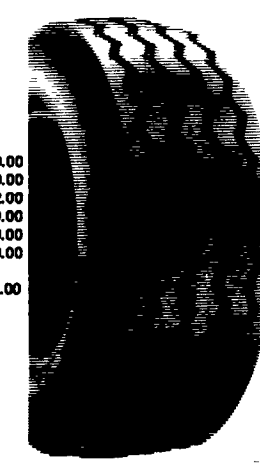
CONTRACTOR F-3



11Lx15, 8 Ply	$80.00
11Lx15, 10 Ply	$90.00
11Lx16, 8 Ply	$92.00
11Lx16, 10 Ply	$99.00
750 800x16, 10 Ply	$80.00
11Lx16, 12 Ply	$130.00
145 75 - 16 1, 10 Ply	$225.00

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17 5Lx24, 6 Ply	$255.00
17 5x24, 8 Ply	$280.00
17 5Lx24, 10 Ply	$345.00
15 5x25, 12 Ply	$310.00
17.5Lx25, 12 Ply	$440.00
18 4x24, 8 Ply	$365.00
18 4x24, 12 Ply	$430.00
19 5Lx24, 10 Ply	$415.00
19 5Lx24, 12 Ply	$455.00
12Lx24, 12 Ply	$530.00
20 5x25, 12 Ply	$655.00
23.5x25, 12 Ply	$1,040.00
23.5x25, 16 Ply	$1,080.00

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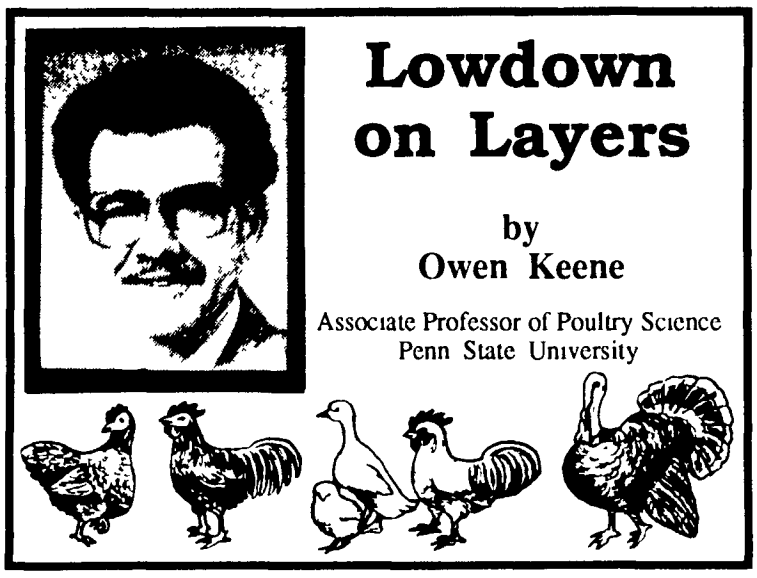
1988 A-Day Exposition Livestock Judging, Showing Contest Results

DOYLESTOWN — The following lists contain the results of the 1988 A-Day Exposition livestock judging and showing contests. These events took place on the weekend of April 23 and 24.

Dairy Showing And Fitting Results
Freshman
Fitting
1 Kristina Heston, 2 Kirsten Dresser, 3 Annette Canalichio
Showmanship
1 Kristina Heston, 2 Annette Canalichio, 3 Brenda Pringle
Freshman
Fitting
1 Heather Hernley, 2 Tom Akam, 3 Andy Greenleaf
Showmanship
1 Heather Hernley, 2 Tom Akam, 3 Andy Greenleaf
Champion Freshman
Showman
Heather Hernley
Reserve Champion Freshman
Showman
Tom Akam
Champion Freshman
Fitter
Heather Hernley
Reserve Champion Freshman
Fitter
Kristina Heston
Sophomore
Fitting
1 Doug Hering, 2 Cheryl Warren, 3 Paula Signoriello
Showmanship
1 Doug Hering, 2 Cheryl Warren, 3 Paula Signoriello
Champion Sophomore
Showman
Doug Hering
Reserve Champion Sophomore
Showman
Cheryl Warren
Champion Sophomore
Fitter
Doug Hering
Reserve Champion Sophomore
Fitter
Cheryl Warren
Junior
Fitting
1 Audra Hickman, 2 Rick Lawrence, 3 Laura Harmer
Showmanship
1 Rich Lawrence, 2 Missy Brangan, 3 Laura Harmer
Junior Championship
Champion Junior
Showman
Rick Lawrence
Reserve Champion Junior
Showman
Missy Brangan
Champion Junior Fitter
Audra Hickman
Reserve Champion Junior
Fitter
Rick Lawrence
Senior
Fitting
1 Larry High, 2 Becky Rice
Showmanship
1 Larry High, 2 Becky Rice
Senior Championship
Champion Senior Showman
Larry High
Reserve Champion Senior
Showman
Becky Rice
Champion Senior Fitter
Larry High
Reserve Champion Senior
Fitter
Becky Rice
Ayrshire Champion
Heather Hernley
Holstein Champion
Doug Hering
Grand Champion Fitter
Larry High
Reserve Grand Champion
Fitter
Doug Hering
Grand Champion Showman
Doug Hering
Reserve Grand Champion
Showman
Cheryl Warren
Dairy Judging Contest
Individual Reasons
1 Laine Hellein, 2 Kevin Stanton, 3 Kathy Johnson
Overall High Individuals
For The Contest
1 Kevin Stanton, 2 Laine Hellein, 3 Robert Ziegler
Team Placings
1 "C" Team- Laine Hellein, Al Jenkins, Missy Brangan
2 "E" Team- Rick Lawrence, Kevin Stanton, Gary Dell
3 "A" Team- Robert Ziegler, Cheryl Warren, Tom Hojnowski
Sheep Show
Yearling Ewes I
Fitting
1 Walter Bianchi, 2 Anthony Colazzo, 3 Julie Rabin
Showing
1 Julie Rabin, 2 Anthony Colazzo, 3 Walter Bianchi
Yearling Ewes II
Fitting
1 Pete Brummer, 2 Kate Umbarger, 3 Mike Morris
Showing
1 Pete Brummer 2 Kate Umbarger, 3 Mike Morris
Yearling Ewes III
Fitting
1 Kate Dalton, 2 Trina Sweigart, 3 Kathy Regenhart
Showing
1 Trina Sweigart, 2 Kate Dalton, 3 Kathy Regenhart
Yearling Ewes IV
Fitting
1 April DeGeorge, 2 Christina King
Showing
1 April DeGeorge, 2 Christina King
Champion Fitter
April DeGeorge
Res. Champion Fitter
Pete Brummer
Champion Showman
Pete Brummer
Res. Champion Showman
April DeGeorge
Swine Show
Class I
Fitting
1 Todd Gulick, 2 Kathy Regenhart, 3 Kathy Umburger
Showing
1 Kathy Umburger, 2 Todd Gulick, 3 Kathy Regenhart
Class II
Fitting
1 Chris Falkner, 2 Dave Boniface 3 Pete Brummer
Showing
1 Chris Falkner, 2 Kevin Guldin, 3 Dave Boniface
Champion Fitter
Christ Falkner
Res Champion Fitter
Todd Gulick
Champion Showman
Chris Falkner
Res Champion Showman
Kevin Guldin
Cattle Show
Polled Hereford Heifers
Fitting
1 Jim DeCourcey, 2 Greg Strait, 3 April DeGeorge

Swine judging was one of the many competitions held at the 1988 A-Day Exposition.

Showing
1 Todd Gulick 2 April DeGeorge, 3 Jim DeCourcey
Polled Hereford Steers
Fitting
1 Travis Sherman, 2 Joanne Staats, 3 Jen Jesiolowski
Showing
1 Travis Sherman, 2 Joanne Staats, 3 Jen Jesiolowski
Angus Heifers
Fitting
1 Rob Mehlman, 2 Stephanie Hughes, 3 Doug Caldwell
Showing
1 Rob Mehlman, 2 Doug Caldwell 3 Stephanie Hughes
Champion Fitter
Travis Sherman
Res. Champion Fitter
Jim Decourcey
Champion Showman
Rob Mehlman
Res. Champion Showman
Travis Sherman
Premier Showman
Pete Brummer
Res. Prem. Showman
Rob Mehlman



BY OWEN D. KEENE
Associate Professor of Poultry Science
Feeding Small Egg Producing Flocks

Owners of small egg producing flocks can obtain manufactured feeds that provide adequate nturition and maintain the health of the birds. However, many small flock owners often have questions about the selection of manufactured feeds that will fit their flock needs. Many types of manufactured feeds are available. Each type is intended for a specific use.

A fact sheet is now available from Penn State University called "Suggested Feeding Programs for Small Poultry Flocks for Egg Laying Chickens and Their Replacements." These suggestions can be used for Leghorns, bantams, or heavy breeds such as New Hampshire Reds, Barred or White Rocks, Rhode Island Reds and other crossbreeds.

In addition to feeding suggestions, other subjects are also discussed such as:

1. Feeding hens for the production of eggs vs. the production of hatching eggs.
2. When and how supplemental scratch grains should be fed.
3. The purpose of feeding granite grit, limestone chips and oyster shells.
4. Water management.
5. The proper use of medicated feeds.

Small flock owners often overlook the value to flock health programs that is gained by having a diagnostic laboratory examine sick and dead birds. It is especially important that flock owners report large or unusual death losses to a diagnostic laboratory. The laboratory can determine the cause and suggest treatment and control measures. Addresses and telephone numbers of diagnostic services located in Pennsylvnaia and surrounding states are provided in the fact sheet on Suggested Feeding Programs for Small Poultry Flocks.

To obtain your copy of the fact sheet - Suggested Feeding Programs for Small Poultry Flocks — Egg Laying Chickens - contact your county agent or Dr. Owen D. Keene, Penn State University, 224 Henning Building, University Park, PA 16802.

The Poultry Industry's Genetic-Base Breeds Are Endangered

PITTSBORO, NC — The old-time production breeds that form the genetic base of America's extremely productive and efficient poultry industry are endangered and may face extinction if current trends continue. That is the conclusion drawn from a census of 17 poultry breeds conducted in 1987 and released today by the American Minor Breeds Conservancy (AMBC).

"I hope this report will form the basis of a national effort to save America's invaluable poultry heritage," says Carolyn Christman, researcher and co-author of the study.

The study reveals that several of the endangered breeds have played an important historic or economic role in the poultry industry, but are now out of favor as the structure of the industry has changed. While the older breeds tended to be the hardy foragers historically associated with a farmyard poultry flock and were often producers of both meat and eggs, the modern commercial poultry breeds are highly specialized, single-purpose birds raised in confinement housing on high-protein, medicated feed.

The report argues that the qualities exhibited by some of the older breeds of poultry could be valuable in the future. "At a time when the farm crisis is forcing farmers to seek alternative low-input farming systems, it is essential that we do not let these poultry breeds, which may hold part of the answer, slip into extinction unnoticed," says Laura Heise, AMBC director and co-author.

The sources listed in the census for each of the 17 surveyed breeds of chickens, ducks, geese and turkeys are all participants in the USDA-sponsored National Poultry Improvement Plan and all maintain their own breeding flocks. The number of sources is dropping every year as hatcheries are either sold or shut down.

As there is no government poultry conservation program equivalent to the federally funded seed bank which safeguards plant genetic diversity, the non-profit American Minor Breeds Conservancy is initiating a Rare Breed Poultry Conservation Project to encourage individuals to start and maintain flocks of the endangered poultry breeds.

New Video Produced By American Simmental

BOZEMAN, MT — A videotape entitled "Using EPD's in Sire Selection" has been produced and released by the American Simmental Association.

The 11-minute, color production explains how EPD's (Expected Progeny Differences) may be used in comparing and selecting sires for calving ease; birth, weaning and yearling weights of calves; as well as daughters' calving ease, daughters' calf weaning weights, and daughters' milking ability. The video contains outstanding footage of Simmental cattle in pasture settings.

"This video is an important educational and promotional tool for anyone buying or selling bulls," said Dr. Richard Whitman, ASA's Educational Program Manager. "Used in conjunction with ASA's National Sire Summary, it can help breeders select bulls best suited to their individual breeding program."

ASA has provided complimentary copies of the video to each of its 40 State Simmental Associations and to university beef extension specialists. Individual copies, using the VHS format, may be purchased from the American Simmental Association for $10 each, a price that includes shipping and handling.

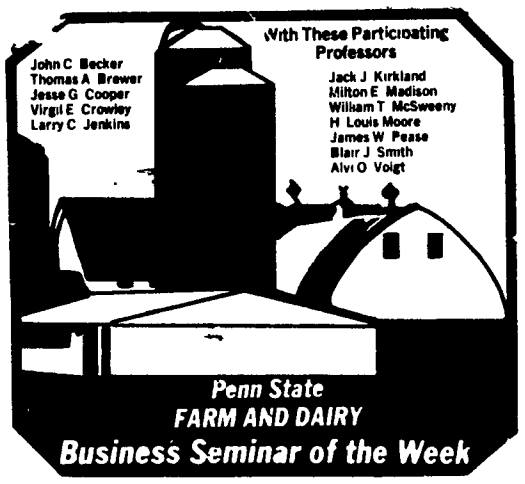
KILE Named Qualifying Show For Belgian, Percherons

HARRISBURG (Dauphin) — The Keystone International Livestock Exposition has been designated as a qualifying show for the First Annual All-American Belgian and Percheron Draft Horse Awards, it was recently announced. The Exposition is among only 26 Belgian shows and 22 Percheron shows to receive the designated out of all the fairs and shows throughout the country at which draft horses are shown.

The horses will be arriving at the Exposition October 8, will be shown on October 8 and 9, and will be stabled in the horse barns which are open to the public until October 10.

The All-American Award contest is designated to recognize exhibitors and breeders of quality draft horses throughout the country. Those who qualify at the Exposition will become eligible to compete against qualifiers from the other U.S. shows or fairs for the All-American Award.

The contest is sponsored by "The Draft Horse Journal," a quarterly trade magazine based in Waverly, Iowa which serves the American draft horse world.



EGG CONSUMPTION AND SUPPLY

Milt Madison

Egg consumption is continuing its post World War II slide. The annual consumption level for eggs has dropped from about 400 eggs per person in the 1940s to 250 in 1987. USDA is projecting that the consumption level for eggs next year will drop by 2 percent or 5 eggs per person next year.

There are many possible reasons for the egg consumption drops that have been seen over the years. Increases in household income allowed families to substitute meat for relatively inexpensive eggs as a protein source. Changes in lifestyle have also had an influence. The higher proportion of non-farm households, which tend to have lighter breakfasts and more breakfast skippers, has changed the egg's role in family diets.

The last two decades have seen increased attention to cholesterol and its relationship to heart disease. This linkage between cholesterol levels in the blood and heart disease has become well accepted by the scientific community and most of the public. The question that is much more controversial is what role dietary cholesterol plays in determining blood levels of cholesterol. Many recent studies have challenged the blanket prescriptions given by doctors to eliminate eggs from the diet to protect against heart disease.

Dr. Margaret Flynn, a nutrition professor emeritus at the University of Missouri, has found that adding as many as two eggs per day to a normal person's diet will not increase blood cholesterol levels. The Egg Nutrition Center of Washington, D.C. has also failed to find a relationship between reported egg consumption levels and blood cholesterol levels in the 7,166 people they have tested. Reported egg consumption for this group varied from 0 to more than 8 eggs per week. The American Egg Board has been working hard to get as much publicity for these alternative views on cholesterol as the negative egg consumption news has received. Their efforts have been successful, and the latest dietary recommendations were less harsh for egg consumption. But, is this the right fight to be fighting?

Research, reported by Daniel S. Putler last year, showed that the cholesterol findings and anti-cholesterol publicity of the late 1960s and since, had affected egg consumption starting in 1969 and continued to affect it until the end of 1980. His conclusion was that the health issues had decreased egg consumption by 10 or 11 eggs per quarter by the end of 1980 from the levels seen in 1960. While this represents a sizable portion of the decrease in egg consumption from 1960 to 1981, it does not represent all of the decrease. Egg consumption was falling before 1969 and further consumption decreases are still taking place that probably are not attributable to cholesterol publicity.

It would be a long and expensive battle to try to win back the egg consumers who have decided cholesterol is bad for them. Some routes to increase egg consumption that hold more promise appear to be in the area of branded marketing of eggs and development of egg products. Numerous egg products have been developed by university scientists around the country. Very few of these have ever been test marketed or adopted by private companies. The public access to university developments makes them unattractive for commercial development, because initial market development costs will not be recovered if other producers jump into the market with the same products. Also, very few egg firms are large enough to feel that they can afford product development and promotion.

This leaves the shell egg producers faced with declining per capita demand for their product. If large egg producers continue to expand their production complexes and add contract production there will no longer be room for the small independent egg producers and processors. Regional production and distribution firms are already making it difficult for many small producers to continue in business. Traditional marketing outlets such as local and franchised restaurant accounts are in many instances being taken over by larger distributors that can offer a lower cost package of service and eggs.

Perhaps the egg industry will follow in the path of the broiler industry. Large companies may dominate the production of eggs. If the answer to turning egg consumption around lies in branded promotion and development of egg products, perhaps the only way that can come is with large companies. Such companies could generate the resources needed to invest in product and brand development and promotion.

The alternative to the large companies taking over the egg industry is for the smaller enterprises to work together to gain some of the advantages of the large companies. These efforts could involve regional organizations of existing companies to serve franchise operations, cooperatives for egg product development and marketing that are backed by numerous egg producers, or some other organizational structure to promote cooperation and innovation. They are not easy to decide upon or get implemented. But, it appears that without these types of organizations, the future of small independent egg producers and processors is not very bright.

Western Pennsylvania Tillage Field Day

UNIVERSITY PARK (Centre) — The Western Pennsylvania Tillage Field Day will be a chance for participants to see advanced concepts in land tillage, conservation practices, nutrient management and crop production.

The event, slated for July 20 from 9:30 a.m. to 3:30 p.m., will take place at the Robert Smith Farm, New Alexandria, Pa.

Commercial exhibits, educational displays and machinery demonstrations will be included. Tours will focus on areas such as weed control, manure use, erosion management and corn tillage systems.

The field day is sponsored by Penn State Cooperative Extension, USDA Soil Conservation Service, the Pennsylvania Forage-Grassland Council and various Pennsylvania agribusinesses.

For more information about the Western Pennsylvania Tillage Field Day, contact your county extension office.

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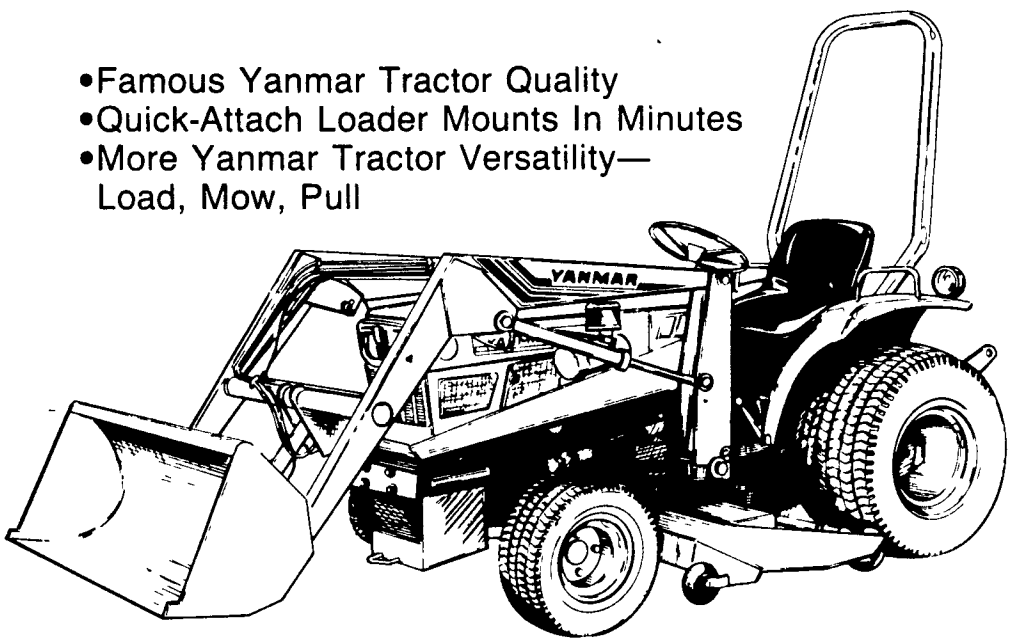

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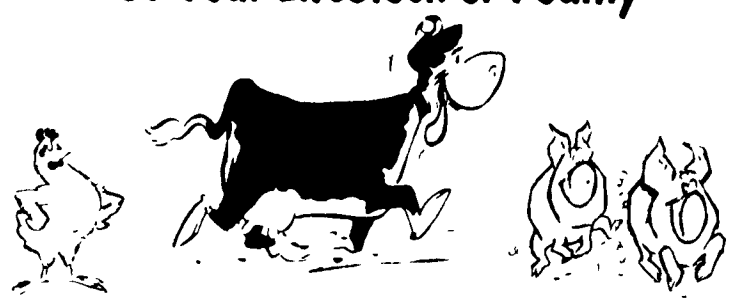

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Swine Management Column: A Show Place Or Work Place

BY
DR. RICHARD BARCZEWSKI
Ext. County Ag Agent
University of Delaware

One thing that disturbs me when I visit with some of the younger members of my family is their preoccupation with material things. When I was growing up, a pair of sneakers was just that, a pair of sneakers. Now they're "Chuck Taylors," "Reeboks" or "Nikes." It's not good enough to own a pair of bo bo's or no-name sneakers as they call them.

The same thing holds true with shirts, pants, sweaters, jackets, and even bikes, cars and houses today. Everybody seems to want the in-styles, and in some cases they don't even care about the costs--especially if they're not paying for them.

It's not the appearance or label on things that impresses me, but rather their durability and practicality.

The same is true of swine farms. I've had the opportunity to visit quite a few different operations since I became interested in livestock and have always been impressed by the fancy operations. Everybody likes to see a new building. But outside looks can be deceiving.

I've also had the opportunity to visit several farms that were not showy places. While these farms may not have been the state-of-the-art in swine buildings and equipment, many were very well thought-out and functional. In many cases the lack of investment dollars tied up in these non-showy farms played a large role in keeping the operations profitable.

As an industry it's important not to rush into building large-scale, high-tech facilities without first giving the prospect a lot of thought and considering the alternatives.

When buying a farm, it's important to get as much information about the productivity of the land as possible. After all, why purchase a poor piece of ground when you can buy a productive piece. The same holds true for facility purchases.

Study the needs of your operation and build for those needs and goals. Consider all the possibilities -- expensive vs. inexpensive, time-consuming vs. labor-saving, average size vs. big. Then weigh the costs of each alternative.

If a facility will cost you $10,000 to build, save you 2 hours per week in labor and have no effect on your productive output, would you build it? This is the type of question you need to be asking yourself.

Many of the decisions we make regarding facilities are made far too quickly. Plan ahead and decide what you want to be doing 5, 10 or even 20 years down the road. Don't put a lot of money into elaborate facilities if you don't plan on being in the hog business for an extended period of time.

Weigh your options carefully. Look at other operations in making your decisions. The best advice you can get is likely to come from someone who's already where you think you want to be. Ask producers in this position what shortcomings the move had for them.

Study beforehand the implications of the change and adjust your plans as you gather information. A business doesn't make money just because a lot of money is pumped into it.

I've always marveled at the many hog producers who do an excellent job of raising hogs with minimal investments. While this approach may not be for you, realize that the keys to success are not in elaborate facilities but rather in the proper management and care of the herd.

Expensive buildings can't take the place of good management, but good management can make for a successful operation in most facilities.

Wool, Mohair Support Prices Down

BERKS COUNTY — The federal support price for 1988 shorn wool marketings is $1.78 per pound, 3 cents a pound less than the 1987 level, according to Donald E. Lutz, Chairman of the Berks County Agricultural Stabilization and Conservation Service. Mohair marketings will be supported at $4.69 per pound, 26 cents per pound less than the 1987 rate.

"Pulled wool will continue to be supported at a level comparable to the price support level for shorn wool through payments on unshorn lambs," Lutz said.

Price support payments are computed as a percentage of each producer's returns from grease basis sales. Lutz said the percentage is the amount required to raise the national average price for 1988 wool up to the $1.78 per pound support price.

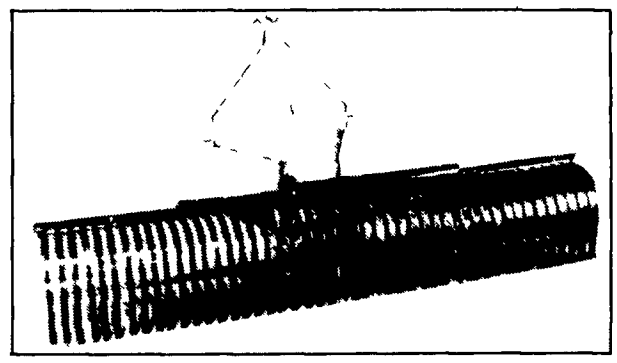
"Mohair payments will be calculated in a manner similar to shorn wool in order to maintain the same percentage of parity for mohair as for shorn wool." Lutz said mohair is being supported at 85 percent of the percentage of parity at which shorn wool is supported.

The ASCS wool and mohair programs are designed to encourage the domestic production of wool and mohair. Berks County sheep growers received approximately $15,847 for the 1987 sales of shorn wool and unshorn lambs.

Berks County wool producers are reminded that the Berks County Wool Pool will be held Saturday, June 25th at the C. Paul Lied Building, at the Reading Fairgrounds, behind the Fairgrounds Square Mall between Rt. 222 and Rt. 61 north of Reading from 7:30 a.m. to 3:00 p.m. Someone from the ASCS office will be there to take your Wool Incentive Program application.

LAND PRIDE

LANDSCAPE RAKES



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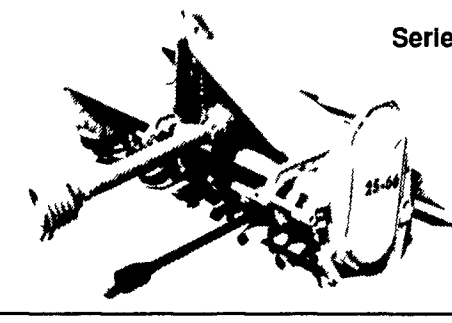
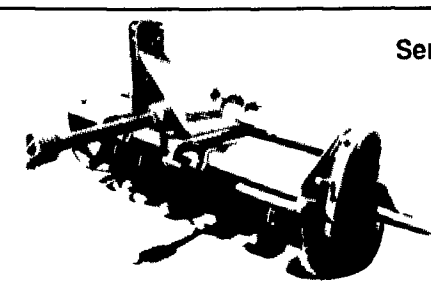


Series 35



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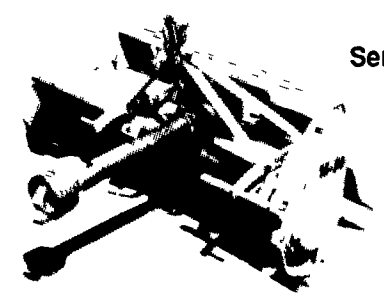

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McGarvey Equipment Inc.
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Reynoldsville, PA 15851
814-653-9637

Betts Equipment
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Rt. 232, RD 3, Box 76
New Hope, PA 18938-9303
215-598-7501

Keller Brothers
R7 Box 405
Lebanon, PA 17042
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Marshall Machinery, Inc.
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Honesdale, PA 18431
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Sebring's Power House
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Stroudsburg, PA 18360
717-421-8980

M & R Equipment Inc.
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Wm. Hobensack's & Sons
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Ivyland, PA 18974
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Pikeville Equipment Inc.
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Oley, PA 19547
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Paul Shovers Inc.
RD 2
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717-784-0250

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Stouffer Bros. Inc.
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Chambersburg, PA 17201
717-263-8424

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609-769-0308

Caldwell Tractor & Equipment, Inc.
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Fairfield, N.J. 07006
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Havers Lawnmower Hospital Inc.
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Whitehouse, N J. 08888
201-534-2837

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Columbia, N J. 07832
201-362-6916

Land Power Equipment
65 Rt 22
Green Brook, N J 08812
201-968-6700

Rodio Tractor Sales
North White Horse Pike
Hammonton, N.J. 08037
609-561-0141

Frank Rymon & Sons, Inc.
RD 3, Box 355
Washington, N.J. 07882
201-689-1464

Kutztown Folk Festival Slated To Begin June 25

KUTZTOWN (Berks) — The Pennsylvania Dutch are making their final preparations as the opening of the Annual Kutztown Folk Festival nears. This summer's 10-day celebration will be held from Saturday, June 25th through Monday, July 4th, and the people here can hardly wait for the gates to open. Then, they will have the opportunity to show visitors all that the Pennsylvania Dutch culture has to offer.

Among the 20 daily special events are the Pennsylvania Dutch dialect lessons in the one-room Wolf School and the hymn-singing at the Old Oley Union Church. Visitors will be able to sample freshly baked cookies and other Pennsylvania Dutch goodies at the Country Kitchen, where expert cooks show visitors how their grandmothers baked. Of course, one of the most popular events is our Quilting Building, where more than 1,500 quilts are on display and for sale. Visitors also will find a frame with ladies who are quilting and who will answer any questions about this ancient art.

The Folk Festival also offers over 200 of the finest craftsmen, all of whom demonstrate their skills. Visitors will see blacksmiths at their forges and anvils. As well as three hex sign painters, each of whom offers a different style of hex sign to beautify a visitor's home or garage. In addition, visitors will find scherenschnitte and fraktur artists, whose works are both fascinating and beautiful. The Folk Festival has wood carvers, glass blowers, silversmiths, potter makers, pewter makers, puppet makers, and folk artists too.

The festival boasts an afternoon of entertainment on the Main Stage, where Leroy Heffentrager and his Dutch Band perform traditional Pennsylvania Dutch tunes. Mel Horst will provide laughter with his Pennsylvania Dutch humor and Keith and Karlene Brintzenhoff will sing traditional Pennsylvania Dutch folk songs. The Seminar Stage offers visitors an afternoon of programming covering many aspects of modern and traditional Pennsylvania Dutch life, including both the "Plain and Fancy."

Of course, everyone loves Pennsylvania Dutch food and the Folk Festival has all anyone could eat. From sit-down, eat-'til-you-ouch, family-style meals to eat-as-you-go snacks, such as shoo-fly pie and funnel cake, the Folk Festival has them all, so bring the family to see and taste the Pennsylvania Dutch way-of-life.

MAILBOX MARKET FOR SALE

MM uni tractor w/picker sheller operating cond, kept inside $350 York Co 717-382-4424

Artsway grinder-mixer $600, Baughman 13 ft spreader body $600, NH 68 baler/thrower $600, MF 9 ft haybine $450 Bucks Co 215-536-5182

50 Brown Sex Sal pullets 20 wks old, $3 70 ea VH40 4 cyl Wisc engine overhauled in 1984, $725 Christ G Stoltzfus, R#1 Box 80D, Cochranville, PA 19330 Homeville Rd, Chester Co

8000 gal water tanks ½ -¾ in thick, 15¢ per gal Amos S Stoltzfus, 552 Beechdale Rd, Bird-in-Hand, PA 17505

Sawed locust posts fence boards, 16 ft long Lanc Co 717-442-8972

Hay thrower for NH 49 trailer tandem 5 ton 15½' long 8' wide steel bed 301-592-9537

1963 Ford Falcon s/wagon Hit rt ft fender, can be repaired or restored Berks Co Call 215-562-7457 for details

German Angora rabbit wool For sample send SASE to Cathy Rollman, RD1 Box 245, Deck Rd, Womelsdorf, PA 19567 Berks Co 215-589-2520

3PT hitch for JD A, B, 50 or 60, $275 Allis Chalmers sickle bar mower for WC or WD, $175 E-Z golf cart, elec, 1987 batteries w/ charger, exc cond, $275 717-672-2021

Nesseth lagoon pump, ex cond Can be seen in Fulton Co $5500 OBO Call Bill early mornings 717-354-4051

International #53 4-row cultivator, 3PT hitch, like new, $1500 Berks Co Call eves 717-933-8422

609 type tobacco plants John S Esh, 331 Stauffer Rd, Lititz, PA 17543 Close to Lanc Airport

Pretzel salt $25 per ton bulk or $2 50 per hundred lb bag Lanc Co, PA 717-738-3925

Big 4 yr old standardbred carriage horse, dark Jersey family cow fresh 4 wk., top buggy box Call 717-354-5039

20x60 White Roof Harvestore w/Goliath unloader, good cond, will dismantle and erect Lanc Co 215-445-6453

1 pr 16 9x28 6 ply tractor tires, some tread remains, $30 Ba Co 301-343-1088

Oliver 2B-12" steel wheels plow $60, Eclipse 20" reel power mower $30 Chester Co 215-469-6813 before 7 AM, Noon or night

Red Sorrel Belgian gelding, Belgian-Morgan cross mare, broke to work. David J. Yoder, Meyersdale, PA 15552.

300 gal 12 row trailer sprayer, Ace Cent pump, homemade markers, used 5 acres, asking $950 9' sprocket cultipacker $175 Ph. 717-464-3883

Perfect vacation home-pretty remodeled 3-bdrm house w/alum siding, shutters, porches, near Raystown, hunting Auction July 15- 8 PM Huntingdon 814-448-3924

Glass pipe line 1½", bulk tank, vacuum pump, and compressor and 10 open Holstein heifers Cum Co 717-243-7393

NI cutditioner w/6 cyl Ford engine Will sell engine separate Jacob Zook's Wagon Shop, 4021B Old Phila Pk, Gordonville, PA 17529

D4 Cat Pony starting engine complete w/elec starter, rebuilt engine ready to go, $300 Bucks Co 215-536-5877 after 6 PM

25 Sex Sal chickens, laying 90% Daniel F Stoltzfus, Box 567, Eby-Chiques Rd, RD3, Mt Joy, PA 17552

16 2"x6" trusses 30 ft span Lanc. Co 717-653-8786

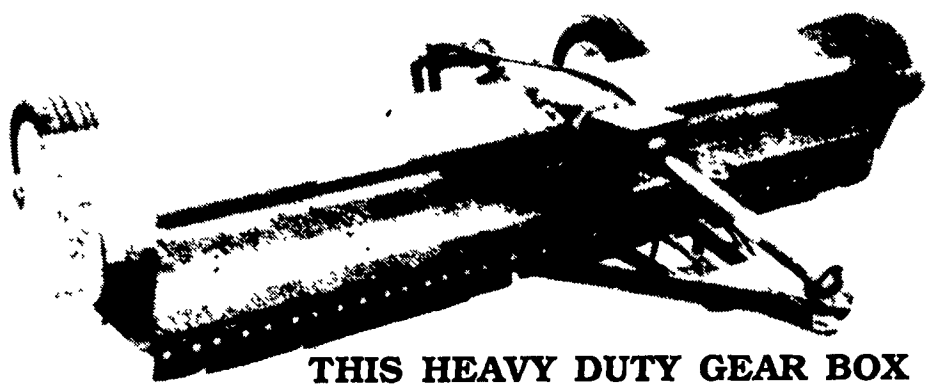
Used market wagon, top in need of repairs, fiberglass shafts, hyd brakes, gears & wheels in fair shape $925 O B O 717-866-5708 ask for Jake

NI #17 manure spreader, good cond, $925 less tires Free delivery Lanc. Co, York Co 717-235-2032

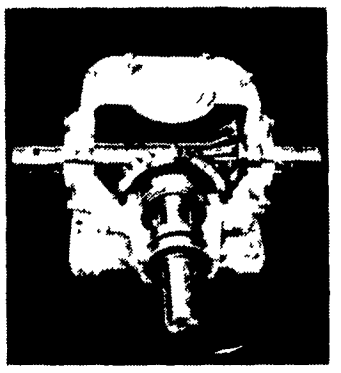
Brillion

FLAIL SHREDDERS

TWO SIZES — 12 AND 15 FOOT CUTTING WIDTHS



THIS HEAVY DUTY GEAR BOX IS THE HEART OF THE MACHINE



Available in 540 RPM and 1000 RPM

The gear box on the Brillion flail shredder is made in Brillion's own modern foundry. It is then assembled with husky machine cut gears and tapered roller bearings. Input and output shafts are 1¾" diameter. The gear box is designed to match the horsepower of large tractors... to keep going when others heat up and quit.

When you buy a Brillion you get the BEST... built-in quality with added strength where it counts..all the way from the heavier hood with replaceable wear plates, right down to the dynamically balanced rotor with knives installed to provide smooth, vibration-free operation. With your Brillion you can cut and shred a full 12 or 15 foot of residue. And you can move right along without costly and time-consuming breakdowns. The rotor shaft is made of 1¾" steel. Drives between the gear box and pulleys are 2¾" high capacity tubing, shielded by a metal sleeve. The PTO shaft is integrally shielded with a dent-resistant plastic tube.

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GUTSHALLS, INC. Rt. 34, 1201 Spring Rd. Carlisle

WENNER FORD TRACTOR Route 202 Concordville

GEORGE N. GROSS, INC. 5261 Davidsburg Road Dover

GEORGE V. SEIPLE VanBuren Road Easton

MESSICK FARM EQUIPMENT CO. Rt. 283, Rheems Exit Elizabethtown

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MAKAREVICH BROS., INC. Stiger Street Hackettstown

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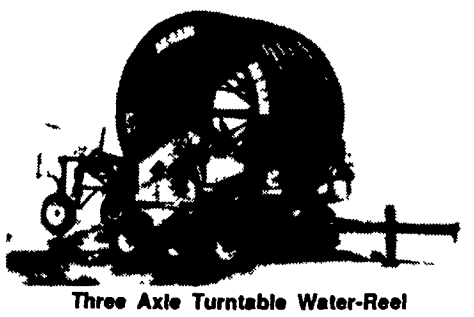
Brillion

ON THE MOVE... IN TO THE 90's



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Motorcycles, nice Honda 350, $200 and Suzuki 250, $100 Also Oliver 77 runs $300 Trailer plows $60 Hershey 717-566-7185

Universal oil reclaimer for vacuum pump, $100 Lanc Co 717-786-3060

New elec kiln w/kiln setter, timer, 23"W 18"D, $806 Ceramic slip in buckets or boxes Lotties Ceramics 717-369-4941

Oats $2 25 bu can deliver Goulds jet pump ½ HP 4 yrs old $125 Leb Co 717-866-4107

AC WD, AC round baler, plows for WD, B & CA, cultivators for C & WD, Sauder loader for 8N Lanc Co 717-284-2640

Four Jamesway cattle feeders, three silage conveyors, four grain bins, small continuous flow grain dryer Call 703-338-6471 after 6 PM

AKC Rottweiler females, excellent watch dogs, $100 ea Aaron G King, 2050 Horseshoe Rd, Lanc, Pa 17602 Farm beside CVHS

Dion forage wagon $300, Case flail chopper $275, 435 gal bulk milk tank $400, 2 spd axle w/tires $150 301-775-7324

1988 alfalfa orchard grass mixed hay, early cut $90 ton Ear corn $75 ton Nights 717-925-6607

Tobacco shed 26'x46' nice lumber, 2 1600 bu corn rings and AKC reg collie pups Lanc Co Phone 215-445-5273

Lilliston 6 row S-tine cultivator, good condition Lanc Co 717-354-5092

4 yr old sorrel trotting pony, good driver Lanc Co 717-738-0378

JD #55H silage blower w/20' pipe and chute $200, Massey Harris #26 disc drill $150 York Co 717-235-6733

JD 2010 Dsl, PS, NF, 3 pt, fresh engine, new tires, nice tractor, original paint Lebanon Co 717-464-0356 or 469-2138

JD #35 chopper 3/heads, JD #570 Bush Hog 7½" pull type 3/blades, JD 3 bot 16" plow Frederick Co 301-834-8607

JD 420 tractor, WF, 3 pt York Co Phone after 6PM 717-382-4762

4 bred grade heifers due July, Aug Lanc Co 717-426-1654.

Wisconsin Robin engine, model WI-145, also starter generator, $175. Ivan Z Fisher, 123 Loop Rd, Quarryville, PA 17566

NH 66 baler w/Wisconsin eng, $250 '67 Rambler SW, inspected, $250 Dearborn 6 ft 4 pt mower, $85 Berks Co 215-488-6861

Grove 14' dump wagon, v g cond, good for grain Harf Co 301-452-5122 eves

Sawmill bench & Dromgold 50' track 4 headblocks hyd feed 54" Simons saw needs rebuilt $1200 Dauphin Co 717-566 2554

Ford 8N, original, extra good mech cond, step-up gear, $2395, also available, 7' blade, 2 bot plow, 5' new mower Cumb Co 717-532-6676 or 301-997-8319

Two beef cows, one with calf at side Berks Co 717-933-4778

NH 69 baler w/4 cylinder Wisconsin engine w/starter Sol S Stoltzfus, 680 White Horse Rd, Gap, PA

Woods Cadet 60 Bush Hog mower, pull type, excellent cond, $950 16 ft hay wagon, $750 16 9x24 tires wheels Sch Co 717-386 4091

12 cu ft chest type freezer, very nice inside & out, doesn t work $25 OBO Emanuel Stoltzfus Jr, RR2 Box 59, Honey Brook, PA 19344

NH 282 baler, good $1600 Glou Co, NJ 609-478-2131

Pair 750/16 6 ply 3 rib front tractor tires & tubes 90% new $55 for all Chester Co 215-593-6238

Centrifugal pump EC Schleyer, brand new 2½" 7½ HP 3PH 230,460V, 96 gal /min $450 Bucks Co Eves 215-968-5604

9N Ford tractor w/8N motor & 12V system, small loader & other attach avail Best offer Northampton Co 215-588-7545

TB-G horse 16th bay sound started over jumps 7 yrs old, good shipper, $2000 215-932-5761 leave message

1 HP Ideal gas engine Clarion Co 814-379-3528

300 Amp port Lincoln welder w/6 cyl Ford ind eng, just overhauled $800 Benj E Kauffman, Star Rt, Spring Glen, PA 17978

JD60 3 pt NFE Guinea keets & hatching eggs York Co 717-432-4822

NI Uni system 702 power unit, 710 combine, grain head, 2 row corn head, good cond, best offer, can deliver Berks Co 215-488-6367

Allis-Chalmers 45 for parts, Int 4 cyl motor, mortar mixer w/gas motor, trailer mounted Mercer Co 609-259 7870

Polypay twin ram lambs, Polypay triplet ewe lambs, black yrlg ram Sussex Co, NJ 201-786-5508

Grimm tedder, new IH 55 chisel plow, IH 56 blower Berks Co Eves 215-286 9478

4 yr old Standardbred carriage horse, needs road Elam K Beiler, Box 353 N Bonsall Rd, Coatesville RD6, PA 19320

Indian acres Georgetown, Md 50'x70' sewered corner lot with 15'x35' trailer, exc cond All amenities estab $22,000 Del Co 215-521-2729

20 New Mobile home tires & rims 8x14x5 10 ply, 2 for $100 609-629-6596

Eight yr old big Standardbred horse, v g for trips, man s horse Jacob Miller, Box 161 Miller Lane, Bird in-Hand, PA 17505

PTO over-running clutch fits 1⅜" spline $25, useful with mowers on older tractors Balto Co, Md 301-343 0026

1973 Tonco Dropdeck trailer 40' 10x15 tires JD 24T baler w/thrower in use good JD 46A loader Blair Co 814-742-8202

Complete grain operation, complete split 4/10,000 bu bins, 80' bucket elevator, 200 bu dryer, 2500 bu holding tank, augers, best offer Columbia Co 717-784-7797

24" Toro reel mower $100, corn sheller & cob conveyer $140, Craftman wood lath $100 Pike Co Eves 717-588-6350

Chore Boy milking parlor w/ feeders, augers, glass piping, pneumatic cyls, etc $800 Northampton Co Eves 215-863-7246

1980 Olds Cutlass good cond $2000, 10 sp bicycle, lights & mirrow, men's $75 [illegible] pickup ld Lanc Co 717 656 8398

1946 Farmall A tractor runs good $850 Lanc Co 717-464-4040

Riteway woodstove, hot water hookup $125 Lanc Co 215-286 9400

Farm Fan 120A grain dryer, grain augers 8'x51' 6x44' 6'x21', gravity wagons, storage bins, 6000 bu, 2000 bu, good cond Chester Co 215 444-5943

Dry sawmill lumber poplar boards 1"x4" to 1"x12", 8' long 1000BF 40BF hemlock 2"x4" 8' long, 200 1 10 ea Lanc Co 717-367-2846

IH 37 baler w/kicker $450, 28' Gooseneck trailer 20,000 lb, $2400 best offer on both Juniata Co 717-734-3592

Early Model Ford 17,000 lbs GVW all wheel drive dump, 10' snow plow, chains Cumb Co Eves till 9, 717-776-3305

24' John Deere bale & grain elevator, $200 Montour Co 717-275-0228

Registered Jersey Bull, service age, real nice Cumberland Co. After 4 pm, 717-776-7158 or 776-3852

1 Row tomato planter w/ water tank, $60, 160 used tomato baskets 50¢/ea Lanc Co Eves 717-786-2275

New Holland Super 717 harvester, A-1 cond $1395, air conditioner $55 717-354-0018

4 yr old reg Kentucky Saddlebred, 4 Standardbred drivers, age 4-7 Some have papers 400 Newport Rd, RD#1, Ronks, PA 17572

1973 Van 42' trailer, 1980 Ford Courier PU needs motor Lehigh Co 215-679-9496

1980 Dodge truck pickup, full size, 4 sp, overdrive, good cond, steel panel fieldgates, dif sizes, hog panel, manure spreader Chester Co 215-347-2232

R600 1968 Mack 5 sp, 237-eng, needs crank shaft, cab is in good shape, single axle tractor Bucks Co 215 345-4184

AC G 1 row cult & other attach A-1 shape 717-692-2529

Metal cutting bandsaw, w/ without air motor Garden tractor loading ramps Clinton Co 717-726 6894, 7-8 a m

Two high side hay wagons, excellent Luz Co 717-925-6737

Serval gas refrigerator, works good, $300 New Idea manure spreader, 10A, ground driven, good cond, $650 Union Co 717-922-4447

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Slaughter hogs 45¢/lb, barnyard silky chickens, bale thrower like new $1200, feeder lambs $70 Schuylkill Co 717-386-2833

1974 Pontiac Sport Coupe, new automatic trans, PB, PS, runs great, Also 1967 VW Bug w/2 engines Perry Co 717-567-9031

C Farmall 2 way plow full set workers harrow drag snow plow trailer wood saw $2500 all or best offer York Co 717-382-4306

400 acres barley and wheat straw York Co Phone 717-993-6146

Bolens 1476 tractor hydrostatic hyd lift 5 ft mower deck godd cond, $1095 York Co 717-244-3415

Large outside toilet tin roof, ideal for smokehouse, $20 52 gal elec hot water heater, $18 Berks Co 215-562-2497

5 yr old Sorrel reg quarter horse, asking $1200 York Co Call 717-244-4402 after 6 PM

Girton 800 gal bulk tank w/ free heater, two 20 8x38 tractor tires ⅓ tread Lanc Co 215-445-5003

Beams- steel 6" high 6" wide ¼ thick 13'3" long 2 available York Co 1-717-993-3350 after 7 PM

Purebred Nubian milking doe Mother of triplets, $65 Goat milk Christ S King, 5057 Newport Rd, Kinzer, PA 17535.

JD 3 PTH 2-16 plows Equip trailers 7½ x16, dual axle, lights, brakes 6x13 tilt bed, single axle 301-398-7680

Pennlan tobacco plants 332 N Maple Ave, Leola, PA 17540

Mortar mixer Muller 3-cu ft port 3 hp, Briggs-Stratton, runs great rubber wipers shot $600 Cash firm Bucks Co 215-968-2649

1972 GMC truck GVW 24,000 lbs 2000 lbs hyd gate, good tires, eng runs good $3950 OBO Burl Co, NJ 609-779-7192

Top buggy Rufus Z Martin, RR1 Denver, PA 17517

Round bales quality timothy hay, approx 600 lb ea Wheat & barley straw approx 500 lb ea Columbia Co 717-889-3071

New Idea side rake, fast hitch, 2 or 3 pt, good cond $375 Berks Co 717-933 4552

Reg polled Hereford heifers & cows w/calves at side Vindicator, Trustee breeding 717-866-4185

JD 830-I w/Cab $3500, JD 430-S $3000, JD 420 S $2500, JD 420 TRI $2250, JD R $2500, JD L/A $2000, JD L $700, JD 720D $2250 717-597-4296

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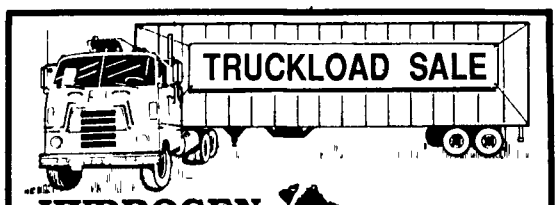

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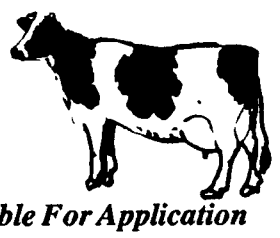

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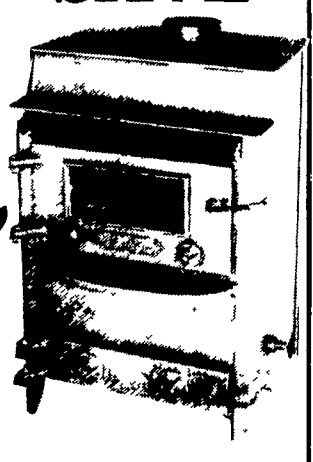

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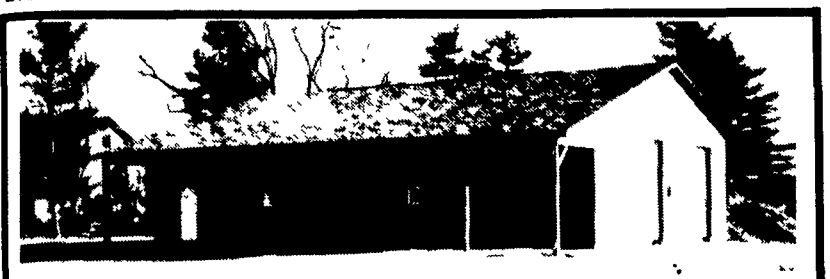

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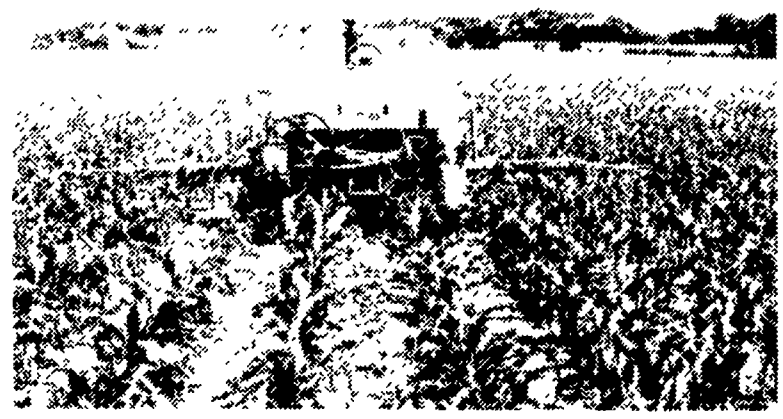

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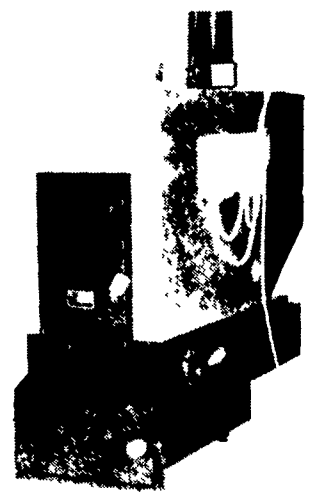

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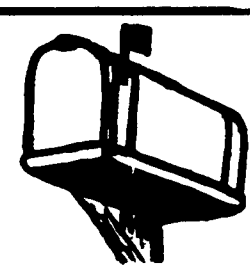

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AC 600 9 row NT planter, John Deere AT 4R cult , both very good Carroll Co , MD 301-346-7660

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Exclusive Sales Of Blaschak Coal

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Hours: Mon.-Fri.: 7AM - 4:30PM
Sat.: 7AM - 12 Noon

Daniel M. Heisey Sr.
PUBLIC AUCTION
Real Estate, Antiques, Furniture, Household Goods, Large Selection Of Carpenter Hand Tools
SATURDAY, JUNE 18, 1988
Starting at 8:30 a.m.
Real Estate at 1:00 p.m.

Located along Harrisburg Ave., Mount Joy, Pa. Between Mount Joy and Rheems, Pa. Take Route 283 West of Lancster, Pa. to Rheems/Elizabethtown exit. Go South on Clover Leaf Road through light at Old Harrisburg Pike (PA 230) to Harrisburg Ave. Go East ½ mile to Auction site.

- REAL ESTATE FEATURES -

1½ story frame & aluminum siding dwelling, 3 bedrooms, 1 bath, modern kitchen with cabinets, large dining room, living room, oil fired hot water heat, full basement, well & septic, 2-car attached garage & workshop, laundry area, Macadam driveway.

TERMS: 10% Down, Balance by August 1, 1988

ATTORNEY: Carl R. Hallgren, 653-1656, 299-5251.

ANTIQUES, FURNITURE, HOUSEHOLD GOODS

Acorn finial rope bed; flower stands; **oak ladies writing desk (Larkins);** Dec. 4-arrow plank-bottom chair; blue agateware coffee pot; tin coffee pot; armed potty chair with raised panel lid; blue check; home spun; quilt star wall hanging; **baby quilt, buffalo lap robe, shawls;** bedding & ticking, table linens, napkins; **9-drawer high chest of drawers with brass pulls, having inlay, cornice with fan inlay at bottom.**

Coins: Silver & Foreign money; early buggy mittens; 4-drawer chest of drawers with leaf pulls; rugs; round table; G.E. refrigerator; **ear crock;** G.E. washer & dryer; **rye sewing basket; (2) good strings of sleigh bells;** 4-prong wooden forks By C. Musser; wooden link chain; Agateware mugs, tin; **8-Day 96" Cherry Tall Case Clock with Broken Arch, Painted Moon & Ship Dial, Wrought Iron Feet, French Feet, Turned Finials;** small Roman numeral shelf clock; **good wall clock with beveled glass & chimes;** full line of kitchen items; **5-leg oak drop ext. table with 5 boards;** wall kerosene light with reflector; **(6) early plank-bottom chairs;** (2) coffee grinders; pressed glass dishes, relish dishes; **Heisey creamer & sugar;** decorated plates; rye bread basket; cups & saucers; carnival glass; kerosene lights; good early 2-drawer stand; round seat oak child's rocker; oak high chair; crocheted doilies; 1897 calendar; 1950 calendar; early post cards (Mount Joy);** brass hand bells, cow bells; 4-leg drop leaf table; ironstone platters; acorn rocker; iron skillets; floor light; upholstered sofa; baby cradle; sugar bucket; end table; **#5 brass buckets;** green depression vase; moss rose water pitcher; Empire chest of drawers; O.G. mirror; 2 single beds; Electrolux sweeper; clothes tree; (10) oak folding chairs; small child's toy dresser; **(4) fiddle-back walnut chairs;** bench; shoe repair tools; tobacco sizing box; shalff bells; **8-hole candle molds;** brass scales; flat iron; butter press; candle stick; 2-prong forks; wooden rack; early 4-prong wooden fork; **F.H. Cowders, Harrisburg Batter jug;** saddle buck; hand & tools; fireplace trimmel; wooden planes; wash board; apple peeler; **New York Arms Co. shot gun;** straw gutter; **very good walnut base to dutch cupboard;** canning jars; doll cradle; **2-door jelly cupboard;** straw knife; post hole ax; adze; **3-prong M.B. Young fork; school bench; Craftsman grinder; early cabinets; carpenter tools; hand & garden tools; wooden buggy jack; blacksmith anvil; extension step ladders;** ShopSmith saw & planner combination; wood turning lathe

A Very Large Collection Of German Religious & Hymnal Books Dating Back to the 1800s To Be Sold at 10:00 a.m.

Auct. Note: Mr. Heisey Being A Self Employed Carpenter Has A Full Complete Line Of Tools & Supplies. Don't Miss This One!

Auction for:
DANIEL M. HEISEY SR.
Oliver M. Heisey, P.O.A.
717-369-3684
J. Omar Landis Auction Service
Jay M. Witman AU0001127-L
Box 501, Apple & Robert Sts.
Ephrata, PA 17522
717-733-7917, 665-5735 or 627-0789
Terms: Cash or Approved Check
Food Served

MAILBOX MARKET FOR SALE

1973 CJ-5 Jeep, tires & engine good etc Dauphin Co 717-896 3656

NH 66 PTO baler field ready $250 New JD 16' mold boards $30/each York Co 717-235-2032

JD F-125 3 pt plows NH404 crimper, McCormick 7' mower, 23 ac woodland, secluded 4x4x8 locust posts Perry Co 717-567-3460

Standardbred mare 6 yrs old, broke to drive, buggy horse $500 717-354-5974

Ear corn $65/ton Ben Stoltzfus, RR2 Box 237, Logan-ton, PA 17747

3 pt grader blade (12') for a 100 HP or more tractor North'd Co. 717-793-3793

Nice sized Holstein fresh heifer $850 Jacob Stoltzfus, 5421 Buena Vista Rd, Gap, PA 17527

Two Standardbred horses, both big, strong, traffic safe & sound Moses Esh, 218 Osceola Mill Rd, Gordonville, PA 17529

AKC Scotty Ma 6 mo Also Super Bits Dog Food, Buck Eye Brand, 100% comparable w/ANF 30 $15 50 bag 717-354-5360

6 HP diesel w/clutch good running cond $250 Sam Kinsinger, 3123 Irishtown Rd, Gordonville, PA 17529

Frigiking under dash, air conditioner, presently on Chevy V8 Works good $195 w/mounting brackets York Co 717-741-3089

30" bar folder & Pexto crimper York Co 717-792-9282

Ford power takeoff baler Fair cond, works good 717-949-3421

Bedford Co 143A farm 93A timber Ideal for hunting camp 6 room house, barn, drilled well 814-733-4280

Cultivators - Farmall H complete w/cyl $30 + snow or utility bucket for IH 2000 loader, exc cond $200 & 275 gal skid, fuel tank $35 York Co 717 432-4100

Upright freezer $225, AC B power unit, running cond $700, Pony cart, good cond $250 Aaron B Lantz, 268 Hollow Rd, Gordonville, PA 17529

4 young mute swans (white), 2 male 2 female, hatched May 11 717-569-1580

1960 955-H CAT traxcavator, power shift, lever steer, vg engine, & drive train, poor undercarriage $5500 OBO Lanc Co 717-367-6534

Purebred Holstein bulls from VG and Ex dams, w/ records to 25000M & 1000F Priced to sell Franklin Co 717-328-3530 or 597-3770

Farmall F 20, runs need carburator, it leaks, $100 Leb Co 717-865-3974 after 3 p m

Int 1968 1600 truck, 345 eng, 4-spd, 2 spd rear, 21,000 G W hyd ¼ ft dump bed, 67,000 mi York Co 717-755-1187

John Deere 3 pt 4-16' trip bot plow w/rakedown attach $400, New Idea #10 cornpicker $900 York Co 717 235-6733

250 bales of quality oats & rye straw 50¢/bale Leb Co 717 949 3528

300 Gal sprayer $750, IH 56 4-row planter $300 200 gal bulk tank w/unit $400 IH 37 baler w/thrower $750 Northumberland Co 717-286-5306

14 9x26 tires mounted 75% tread $100/ea OBO Eves 703-363 5152

68 New Holland baler $550 IH 203 combine parts, whole, 3 PT Hesston stack mover $200 York Co 717-927-9147

Used tin 5¢ sq ft OBO Lanc Co 717-738-3036

Brand new Bazooka grain cleaner, Mod GC 101 never used 717-225-5219

Antique dining room suite, 6 chairs, buffet, server, china/ closet, best offer by July 1 Lanc Co 717-656-3048

Jersey family cow will freshen in 2 wks Lanc Co 717-738-1098

Simco brand English equitation saddle Complete w/ bridle, etc $150 Tioga Co 717-724-1144

6 wk. old Eskimo pups, also corn drag Lanc Co Joseph Glick, 52 Haiti Rd, Quarryville, PA 17566

50' endless rubber belt 6" wide $75; power takeoff pulley, 53 Ford tractor $80 Alleg Co 412-337-4037

Tobacco shed w/Mich type roof to be removed Best offer Chester Co 215-273-2571

Hemocel 100

The **Dairy Stress Formula**
Preferred by the most successful dairymen in the Northeast!

Available from the areas **Most Reputable** Dairy Supply Dealerships.
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agri-dynamics INC

P O Box 318 Martins Creek PA 18063
(215) 588 8150

Short Notice

PUBLIC AUCTION

Farm Machinery- Pay Loader
Milk House Equipment- 2 Wire
Cribs- Pickup- Car

Auction at the farm of Earl & Ed Woolf, Asbury, N.J. Warren County, N.J., From Rt. 31, between Washington & Hampton, N.J. take the Asbury Exit, come in to Asbury make a left turn & then a quick right to farm. Or from Rt. 173, take Bloomsbury - Asbury, N .J. Rd. & last farm on right. Arrows posted both ways. Earl & Ed Woolf's family's have purchased a farm in Myerstown, Pa. and have moved their dairy & best equipment.

THURS., JUNE 16, 1988

9:30 A.M. Rain or Shine

4 Allis Chalmers tractors, 2-D-17 & W-D 45 & 1 diesel some need some help, Hough payloader w/350 Chev. engine & bucket. **Hay Equipment:** N.I. 9' cutditioner #279, 2 good hay wagons w/sides & 8 ton gears, 3 other hay wagons w/good gears but poor sides, Gehl chuck wagon w/roof, N.H. #8 silage wagon, 2 Grove body silage wagons as is, 2-4 bar A.C. side rakes on rubber & P.T.O.; 3 hay racks (1 round & 2 sq.). **Forage Equipment:** J.D. #38 field chopper w/3 corn heads 1 row- 2 row narrow- 2 row wide & pickup head, 2 Int. #16-1 row choppers, 2 Int. #20 C-1 row choppers, J.D. #16 A flail chopper, 2 Int. silo blowers & pipe. **Other Equipment:** 2 Parker 185 bu. gravity wagons, Int. #17-3 bottom 3 pth auto reset 16" plows, N.I. #214 P.T.O. manure spreader, 8"-1 row cultipacker, Brady stalk shredder, fiber glass tank field sprayer. **Elevators - Corn Cribs:** 80' mow elevator w/2 motors, Farmec 24' & 30' elevators, Clay 20' elevator, Cardinal 18' elevator, Mayrath 12' auger, corn drag & bale slide, Badger counter clockwise barn cleaner w/200' chain & 317 motor, 1,000 bu. wire crib w/roof, 1200 bu. wire crib no roof. **Milk House Equipment- Car- Truck- Misc.:** 650 gal. ice bank Dari-Kool bulk tank, Weco dumping station w/100'-1" hose, set double tubs, tank washer, Surge airline dryer, 2 Surge pumps, 85 gal. Kenmore hot water heater, 1952 Chev. 6 cyl stake body truck as is, 1976 Chev. pickup, 1974 Chev. Caprice 4 door sedan 40,000 miles, 3,000 gal. molasses tank, platform scale, shop parts washer, log chains, pulley's, 12 milk cans, 2 electric gas pumps, wagon wheels, scrap, 2 wagon sm. items, some household items Sale begins w/sm. tools, then to milk house & out to field Much unlisted. Not responsible for accidents.

Clip & Save, last notice.
Terms: Cash or Approved Check.
Arthur Hanna, Auctioneer
Bloomsbury, N.J.
201-995-7862

Lunch

STOP WATER-BOWL SPLASHING!

SPLASH GUARD — "the solution" to wet mangers

- Keeps mangers and feed dry prevents feed souring and odors
- Cows eat and milk more since feed stays fresher
- Easily clamps onto most sizes of metal or plastic bowls
- 4 rugged steel hold down brackets secure guard firmly to water bowl rim cows carts or hay bales can t knock it off
- Tough high density poly won t crack or rust meets Grade A specs
- Guard extends 2½ above bowl and 1 down into bowl specially designed bottom lip slows water movement

PROVEN RESULTS - ASK US

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Sales & Service
5935 Old Phila Pike, Gap, PA 17527
(717) 442-8134

WE SHIP UPS

AUCTION

3 Acres M/L — Stone Home & Barn

MONDAY, JULY 18, 1988

7:00 P.M.

3 Acre M/L Farmette
Bordering Pequea Creek

Located at 55 Paradise Lane — Take Rt. 30 east of Lancaster approx. 9 miles — Turn south at Paradise Fellowship Church on to Singer Ave. follow to Paradise Lane (Watch for auction sign)

* *

Real Estate offered at 7:00 P.M.

Large 2½ story stone home (deep window sills) with stucco exterior contains 3 bedrooms, modern bath, attic, modern kitchen with electric stove, living room & den with carpet; closets, basement has cold cellar, 200 amp service & laundry area; large patio & second story balcony, overlooking a 20 ft. x 40 ft. cement pool with vinyl liner, & a pool house; oil & wood fired stove with hot water hookup; storm windows; 2 wells; also features a large 2 story bank barn with 2 car garage & workshop area plus 2 small open stable buildings; white rail fenced in pasture bordering Pequea Creek. **This beautiful farmette overlooking Pequea Creek in Paradise deserves your attention.** Located on approx. 3 acres M/L.

OPEN HOUSE
Sunday June 12 — 1:00-3:00 p.m.
Tuesday Evening June 14 — 6:00-8:00 p.m.
or phone auctioneer Gordon Ressler

OWNER:
JAKE EICHELBERGER
55 Paradise Lane

ATTORNEY:
LINDA KLING
Wentz, Weaver, & Kling
354-4456

R.E. TERMS:
- **10% DOWN DAY OF AUCTION.**
- **BALANCE ON OR BEFORE SEPTEMBER 15, 1988.**
- **TRANSFER TAXES PAID BY BUYER — R.E. TAXES PRO-RATED.**
- **ALL STATEMENTS MADE DAY OF AUCTION TAKE PRECEDENCE OVER ALL PREVIOUS ADVERTISING.**

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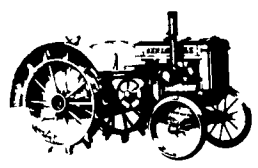


ANTIQUE TRACTOR & ENGINE AUCTION

Sat., June 18th - 10 AM

To be held at Sunnycrest Orchards, 1 Mile north of Sharon Springs, NY on NY Rt 10, 40 Miles west of Albany.

CONSIGNMENTS WELCOME

Early listing includes: Case 9-18 cross-mount, IH 8-16, Oliver 80, Oliver 70, Cockshutt-Oliver 60, Oliver 60 Industrial standard, (3) unstyled JD B's-one on steel, (2) JD-H's, (2) JD-L's, JD GP, JD BO, IH 10-20 industrial, F-14, Fordsons, Silver King, many more by auction time!

Engines already consigned include one private collection of 78 engines- all sold w/no reserve.

Included are: (20) Fairbanks-Morse, (8) Massey-Harris, (5) Economy, (3) John Deere, (4) Fairmont, (2) New Way, (3) Sylvesters, (2) Lister, (3) Kohler, (8) International Harvester, (4) Mogul, Fuller & Johnson, Waterloo, Cushman, Calle, Dejardines, Delaval, Jumbo, Emerson-Brantingham, JAP, Brand New Kohler 4 cyl. generator & many others. Cletrac BD crawler w/cable operated over-the-top loader- good condition!

In addition we will have many more engines not listed, some toys, literature, parts, signs, antique lawn & garden, Large Lighted Oliver dealer sign, plus many surprises & unadvertised items.

This will be a great opportunity to buy or sell!!
A Large offering with something for everyone, don't miss it!!

Call Tim Schilde at 518-284-2256 for information or call Jim MacFadden at 518-284-2090.

Complete Auction Service
Farm Equipment Bought & Sold Daily

"Where Auction Means Auction"

James D. MacFadden, Jr., Auctioneer
518-284-2090
Box 601, 4 Miles East of Town on U.S. Rte. 20
Sharon Springs, N.Y. 13459

ACTION AUCTIONS

PUBLIC AUCTION

FOGLESVILLE AUCTION CENTER

DUMP TRUCK; TRAILER; FARM EQUIPMENT; POWER TOOLS

Thurs. June 16, 1988

At 6 P.M.

West of Allentown, Pa. In the Fogelsville Auction Center Bldg. S. Nursery St., Fogelsville, Pa. (1 block W. of Shankweiler's Hotel)

1965 Int. LOADSTAR 1800 stake body hyd. dump truck, ex. cond., 62,000 miles 4 spd. 2 spd. rear, 9:00x20 tires; Land of Lakes 12000 lb. tandem axle tilt back equip. trailer w/new brakes; (2) FORD 3600 tractors; (2) SHAVER hyd. post hole drivers; (2) FORD 930 post hole diggers; Woods 3 pt. 5' Dixie rotary cutter; Woods 3 pt. rear blade; Hi Tensil fencing tools & supplies; General 2 man power auger; JD 8' 3 pt. disk; JD 8' 3pt. harrow; JD 2 btm. trlr plow; 3 pt. crane; snow plow for JD "A"; Homelite generator; Miller 225 amp welder; sm. Muller cement mixer; Craftsman 5 hp 30 gal. air comp; port. air tank; Dayton bench grinder; ½ " elec. drill press; Stihl 16" chain saw; Tanaka 12" chain saw; Craftsman circ. saw; Makita elec. grinder; 3" Rigid pipe cutter & wrenches; bolt cutter; 200 lbs. asstd. nails; 5 gal. hyd. oil; hyd. cyl.; cast iron butcher stove w/molded cattle's heads; ss tubs; elec. meat slicer; elec. meat grinder; block & tackles; lg. chain block; 20' & 28' ext. ladders; Parker 48" lawn sweeper; rotary mowers; auto shop bks 30's thru 50's; (2) commercial elec. garage door openers for up to 15' high dr.; wood working hand tools; bench vises; plus many items too numerous to mention.

Terms - Cash or check, sale day.
Selling for

WILLIAM E. MEPHAM

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. License # AU-001809-L

P O Box 215 • Fogelsville PA 18051 • 215-395-8084 • License #AU00 809 L
RALPH W. ZETTLEMOYER AUCTION CO. INC.

MAILBOX MARKET
WANTED

Large outdoor trampoline in good cond , reasonable price 717-865-3779 or write- Gingrich, RD#1 Box 442, Fredericksburg, PA 17026 Lebanon Co

Harness & 2-wheeled cart for 14 hand horse, must be in good cond & reasonable 201-782-3162

Bee swarms- Lancaster Co only Also power steering set-up for Farmall 340 tractor Lanc Co 717-464-4114

Address of Daniel Esh, Gordonville Also family cow, prefer Jersey, must be gentle, good milker, no reg Berks Co 215-944-8077 weekdays

1971 Oldsmobile Vista cruiser wagon, snap coupler hitching for AC-80R mower to fit Allis Chalmers D-12 914-357-7735 ask for Joe

Black-Wilson soybeans for seed Geo B Leid, R1 East Earl, PA 17519

Sickle bar mower for Wheel Horse lawn tractor Berks Co 215-589-2318

Gravely two-wheel tractor w/mower, tiller, sickle mower & rotary plow, or what you have Blair Co Please call 814-239-5434

Two-row horse drawn cultivator Lanc Co 2849 Lincoln Hwy E , Ronks, PA 17572

Good used 740 or 741 Quik Tach for Uni-System Also good used post hole digger Northumberland Co 717-275-4232

30 feeder pigs about June 15 for sale used produce crates, 40x48 skids Chester Co 215-932 5522

Woods L306 mower 6 ft , also 3 pt cult Carroll Co , Md 301-795-2194 after 5

25-30 h p tractor, 3 pt hitch, mower snow blade, good cond , wide front end Bucks Co 215-343-0248

1 pair of needles for New Holland #66 baler Lanc Co Before 8 a m 717-548-2006

Super sheller or husking bed for N I 325 corn picker, or 1 for parts Millin Co Eves 717-935-2675

Old barn dismantled Part of barn down now Berks Co 215-822-2593 after 7 p m

Rear weights for 574 flatbed for C-60 Chevy FOR SALE sq bales oats straw $1, large R Bale timmix hay $20/bale Chester Co 215-933-0699

AC 303 baler w/thrower for parts FOR SALE 219 New Idea manure spreader, good shape, $500 Cumb Co 717-776-7083

Buster bar to fit 13' field cult Trucker to move farm machinery to Path Valley, Franklin Co -Lebanon Co 717-865-5028

Old Sears Handi-Man tractor to restore, & single cylinder mini crawler Towanda, PA, Bradford Co 717-265-6465

Parts or whole for Michigan 35A tractor shovel Phone 215-285-2611

Small horse trailer, 4 tandem wheels, state cond & price 717-776-3578

International 120 semi-mounted or 3 pt mower 717-355-2143

Metal guard rails any length app 400', 5 or 6 Ewes York Co 717-927-6770

Salvage to attic flooring, loghouses, old farmhouses Large barn demolition service Adams Co 717-334-0249, 7-9 p m

Used 2" milk line for pipeline milker Any amount up to 250 feet Columbia Co 717-799-0139

Black boards for school house Lanc Co Benj Miller, 2019 Smyrna Rd , Paradise, PA 17562

IH 1100 trailer mower w/ crimper hitch & PTO in good cond Omar Fisher, 434 Newport Rd , Ronks, PA 17572

Steering clutch cluster for International T-4 bulldozer Sullivan Co 717-928-8208

Pequea Tedder PTO driven Barn roof painter for 36x40' barn Chester Co 215-347-1809

Tractor engine for Int 504, state cond & price Andy Mast Jr , RR1 Box 201-E, Hartly, DE 19953

12 hole rectangular hog feeder, prefer Pride of Farm or Shenandoah, good cond , no junk York Co 717-225-4941

Reg Romney ewes 1-2 yrs old w/good fleeces FOR SALE Colored Romney fleeces for landspinning 1 50/lb Snyder Co 717-539-2173

Old order Amish furniture cupboards, chests, tables, shelves, boxes, etc Lanc Co 717-626-7854

MAILBOX MARKET
NOTICE

Fiberglass stormfront carnage Almost new, used 2 months Will be sold at New Holland Sales Stables Combination Auction June 14th

Free to good home Huskie, 2 yr old, B&W, friendly Lehigh Co 215-298-2974 after 4

Free old used car tire, will deliver up to 20 miles from Gordonville free Lanc Co 717-768-8440.

Bobcat loader service with grapple Branch of Harper Tree Service 717-684-0605 early morning, evenings Lancaster, York, Dauphin.

Amish boy age 12 needs work on Amish farm. Jacob Esch, 130 Cinder Rd., New Providence, PA 17560.

Large bank barn to be removed, 12 mi. South of Coatesville 215-347-6697. 495-6500 for more details

We will buy used boats, trailers, motors. Need not be working Also boating equipment. Berks Co 215-944-7333.

Pasture for rent, lush 3 acres w/run-in shed for mares, foals, geldings, no riding facilities. $2/day/head. Dauphin Co 717-564-5246.

Approx. 2 Acres M/L

AUCTION

Large Auction

SATURDAY, JULY 30, 1988
9:00 A.M.

Real Estate, Household Goods, Tools, Antiques

Located approx. 4 miles south of Strasburg, Pa. Corner of Rt. 896 South & Keneagy Hill Road. Paradise Township between Georgetown & Strasburg. (Watch for signs)

Real Estate offered at 1:00 P.M.

Beautiful home with modern air-conditioned kitchen, living room with fantastic view, large bedroom with closet, bathroom with modern tile shower, open stairway to 2nd floor bedroom & plenty of closets, Basement contains office with outside entrance, closets, ½ bath & furnace room with washer dryer hook up, home also has porch, aluminum siding, oil fired hot air heat with electronic air cleaner & humidifier, oil fired hot water heater, iron filter & new pump tank in 1988, well, mature landscaping, also included is a large heated 32 ft x 40 ft insulated building with 4 garage doors — 2 are 10 ft x 10 ft & 2 smaller garage doors, one with electric opener, also features hot & cold water & electric plus storage on second floor — nice building, also included are 2 smaller buildings — This property borders Rt 896 south for approx 148 ft , & approx 318 ft on Keneagy Road **This real estate deserves your attention.**

R.E. TERMS:
- **10% DOWN DAY OF AUCTION. • BALANCE ON OR BEFORE SEPTEMBER 10, 1988.**
- **TRANSFER TAXES PAID BY BUYER — R.E. TAXES PRO-RATED.**
- **ALL STATEMENTS MADE DAY OF AUCTION TAKE PRECEDENCE OVER ALL PREVIOUS ADVERTISING.**

Antiques, Household Goods & Tools
Complete listing later

OWNER:
MARVIN G. REIMOLD
382 Keneagy Hill Rd.

ATTORNEY:
HARRY B. YOST
Appel, Yost, & Sorrentino
33 N. Duke Street 394-0521

OPEN HOUSE FOR REAL ESTATE
Wednesday, June 22 — 6:00-8:00 p.m.
or phone auctioneer Gordon Ressler 687-7402

AUCTIONEERS APPRAISERS Auction service since 1981

RON FUNK AU-314-L
Paradise, 442-4279

GORDON RESSLER AU-1575-L
Paradise, 687-7402

SAM B. STOLTZFUS
768-3568

We want to be your Auctioneer! For a free confidential auction estimate phone auctioneers.

PUBLIC AUCTION

(2) DAYS
SATURDAY, JUNE 18 & JUNE 25
STARTING BOTH DAYS AT 9:00 A.M.
PLUMBING, HEATING, ELECT., HOUSEHOLD
AMMON Z. BASHORE
SELLING HIS BUSINESS
BETHEL, PA. (Berks Co.)
1 Mile off I-78 Exit #3 South on Rt. 501, Ten Miles North of Myerstown. Across From the Elementary School in Bethel.

Assort. Plastic Pipe & Fittings, Assort. Copper Pipe, 300 Gal. Gas Tank, Conduit, Gal'v. Pipe Fittings, Bits, Chisels, Files, Hammers, Rigid Pipe Wrenches, Tin Snip, Flaring Tools, Ladders, Dig. Irons.

TRUCKS: 1975 Chevy ¾ Ton with Reading Boy V-8, Good Tires, Runs OK, 1977 Ford ¾ Ton Truck with Reading Boy, Runs OK, Good Tires.

New Wood Stoves, 1 Gould Utility Pump, 1 - 4000 Watt Generator, 1 - 3500 Watt Generator, 1 - ¾ , Horse Air Comp. Beaver Elect. Power Vise. 1 32' Glass Fiberglass Ladder, Handymaster Heater.

1972 TERRY CAMPER: Ready for Camping Season. 26' Old Tin Smith Tools, Hinges, Old Myers Hand Pumps, Cast Tubs, Blacksmith Tongs, Old Wood Planes, Old Shot Gun Loading Tools, Light Fixtures, 100 Amp Panel Boxes, Many Light Fixtures, Breakers, Knockout Set Punches, Zone Valves, Oil Filters, Burner Nozzles, Flame Detectors, Thermostats.

ANTIQUES & HOUSEHOLD: (2) Old Wooden Bathtubs w/Copper Lining, Marble Top Vanity, Crocks, Jugs, Cherry Seeder, Large Wicker Baby Carriage, Two Drawer Old Spool Cabinet, Oak Slant Top Desk, Oak 4 Pcs. Bed Rm. Suite, (5) Oak Matching Chairs, Other Oak Pcs. Some Glassware, File Cab., Desks, Kero Lamps, Many More Items.

NOTE: June 18, Will Be Selling Business Items & Trucks & Camper. June 25, the Bal. of Bus. & Household & Antiques.

TERMS: CASH OR PA. CHECK
Auctioneer:
Dwight D. Miller
AU-002414-L **FOOD STAND**
717-933-5736 **CLIP THIS AD!**

PUBLIC AUCTION

FABRICATING SHOP EQUIPMENT
SAT., JUNE 25 AT 9:30 AM
From Reading or Morgantown from Rt. 10 go east on Plow Road to Cocalico Road follow signs to Rock Hollow Road, sale located just off Rock Hollow Road. Robeson Twp., Berks Co.

EQUIPMENT

6 Manuel chain hoists ½ to 1 ton cap.; 4 Elec. chain hoists from ½ to 1 ton cap.; 48" & 60" pipe wrenches; Fairbanks Morse platform scale; 30 lb. F. M. standard scale; Lot of new industrial fans up to 4 ft. in dia. some on stands and some in frames; 2 air jacks; Portable air grease gun; Elec-O bit sharpener; Craftsman belt sander & disc 6"; Heavy anvil; Steam jenny with st steel tank; Hosfield universal iron bender; Arbor press; Craftsman Radial Arm saw; Small iron bender; heavy duty wood vise; ½ " metal letter makers; 80,000 BTU ind. gas heater; Heavy duty sump pump; 4½ " vise; 18 hole parts cabinet; Adj. steel stands; Johnson bars; Steel storage racks; 4'x8' steel welding table 1" thick; Old wood & metal filing cabinets; Several step ladders; A frame ladders; 275 gal oil tank; 12" backhoe bucket; Assortment of new elec. wire; Work bench; H. D. high press. hose on cart; Different sizes gear reducers; 3 St. steel tanks 10½ 'x4½ 'x3½ ' deep used for stripping furniture; 2 St. steel tanks 12'x2'x2' also some 5'x15' steel tanks, all tanks are open top; Slate pieces 2½ " thick 3' wide & 6' long; Parts washing table; 7' snow plow for Jeep; Several new St. Steel sinks; Several hundred ft ¼ " rope; Water pump & pressure tank; Lot new st. steel fittings up to 3"; Some new brass fittings; Various sizes pipe valves; Air Conditioner; Allen type set screws; 4' Alum. coils; Fire extinguishers; Lot of white marble; J.D. 12" 2 way plow; 2 section spg. tooth harrow; Approx 500 ft. dried cherry lumber; Flat top oak office desk; Pulleys for Elec motors; Lot of good carpet; Railroad lights & signs some old; Craftsman 10 HP tractor with 36" mower; 10 HP tractor & blade for parts; 1972 Ford truck 750- 20' van with lift gate & roll up door, P.S., 361 V-8 needs some engine work; Some small tools & tool boxes; Lot of St. steel nuts & bolts; and many other items not mentioned.

TERMS BY:
SERBIN DEVELOPMENT CORP.
Ph. 582-5878
Auctioneers:
Elton Horning AU000434L
Rodney Horning AU002167L

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

AUCTION

MACHINIST EQUIPMENT, POWER TOOLS, WAREHOUSE SUPPLIES, OFFICE FURNITURE
FOR: JMF, INC. (Formerly J. Melvin Freed Inc.)
AT: 306 N. Fifth Street (Bucks Co.), Perkasie, Pa.
(Enter & Parking off Callowhill St.)
TUES., JUNE 14, 1988 AT 10:00 A.M.
Inspect after 7:00 A.M. Day of Auction

Equipment- Two South Bend Precision Lathes #A's- 4 ft table, ¾ h p 3 ph , Bridgeport Milling Machine #BH7961 w/shaping & spindle attach, 1 h p 3 ph , Bridgeport Right Angle Attach, Manley 22 Ton Press, Lodge & Shiply Lathe Belt Drive 3 ph 4 ft table, Cincinnati Milling Machine #2 Belt Drive 2 h p 3 ph , Hankison Compressed Air Dryer #80100 1 ph, Enco Floor Drill Press 1 ph , Wet Cut-off Saw w/table, Toledo Beaver Power Hack Saw #460 1 ph , Rockwell/Delta Table Saw 1 ph, Delco Bench, Delta Drill Press Table Mod , Acetylene & oxygen tank heads w/complete Rototec Gun # Mod 1, 1000 lb hoist, elec motors all sizes 1 & 3 ph , Fairbanks Platform Scale, bench vises, hand & power tools, nylon & metal FMC Avistrap Machines, Johnson Bars Pallets truck, 5500 lb cap hand & freight dollies, 50 ft roller tracks w/stands, Sinco Static Eliminator #D168, round & flat stock

Machinist Tools- Starrett Micrometers 2"-6" full set, English & Metric, Mitutayo 500 series, Starrett depth gauge 120 m, Brown & Sharp Depth G 579/1, Starrett Dial Indicator #654, Micro 224 Set A, Dial Gauge 1015A, tool holder #206, rules, William & Brown Microscope, Spencer & Buffalo Microscope (both complete w/case), Ansi Sound Level Meter #451, drills, taps, Telescopic & small hole gauges, protractors, calibers, trammels, lathe tool bits and holder, Indicators Industrial Diamond Tip Cutters, Expansion Reamers, OAK Tool Cabinets, tap & die sets, socket set, lg inventory of hardware, bearings, gears, nuts, bolts, washers socket leads, springs, gauges, rivets, voltmeters, hoses, belts, airlines, elec boxes, lights, elec relays, aersols, lubricants gasket adhesive Zwat, Derma Shield, machinist & Ports Manuals, 1985 Thomas Registers complete set, maintenance & office equip , Hamilton & Economy Drafting Table, 4 drawer metal file cabinets B&H Ditto Machine Comp Savin Copier Copy Stat C 25 Copier, Shaw Walker Safe approx 2 x 4', metal & wooden desks, wooden conference tables, IBM Selectric Typewriter, wooden file cabinet, office & drafting chairs & stools Burroughs 99 calculator & bookkeeping machine, emergency oxygen unit med supplies, Ariens Snowblower w/cab, salts & salt spreaders, water coolers wet/dry shop vacuum ladder 4-8 ft shop lights, floor fans, lockers hard hats, shop gloves & aprons paper products sponges, trash cans & wash tubs, misc maintenance supplies

TERMS- CASH OR ACCEPTABLE CHECK.

LUNCH

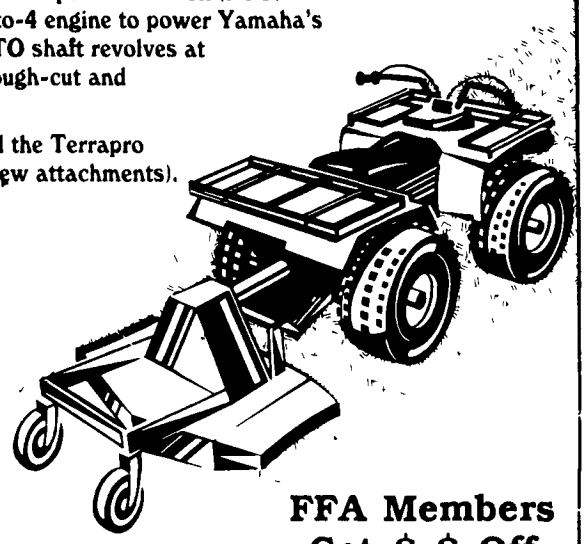
PA No AU-001117-L

ALDERFER AUCTION COMPANY
501 Fairgrounds Road • Hatfield PA • (215) 368-5477
Box 1 • Harleysville, PA • (215) 723-1171

Terrapro with PTO.

The Yamaha Terrapro is the world's first ATV with power-take-off (PTO) . . . a 1" diameter shaft that runs directly from the Moto-4 engine to power Yamaha's new mowers and sprayers. This fully shielded PTO shaft revolves at 1000-2000 rpm, generating big power to drive rough-cut and finish mowers or liquid spraying systems.

Come in today to see our Terrapro Moto-4 and the Terrapro System mowers and sprayers (plus a line up of new attachments). We'll be happy to show you all about PTO and all about ATV.



Fisher's Cycles

Located on Rt. 30, ¼ mi. E. of Rt. 10 in Parkesburg, Pa.

215-857-9616
Mon., Tues., Thurs. 9-5
Wed., Fri. 9-8
Sat. 9-3

FFA Members Get $ $ Off

Sale Reports

FIDELITY BANK SALE

A Liquidation Auction of office furniture and tools was held June 1 at the Bonnie Brae Auction Warehouse, 2 Bonnie Brae Rd., Spring City, Pa.

Some prices included: electric typewriters $275 & $300, file cabinets $35 to $50 each, office desks $35 to $75 each, executive desk $200, A.C. tow motor $6250, air-powered screw drivers $25 to $50 each, 5,000 lb. skid pilot lift $175, canvas welding booth $15, welding stand gauges $185 and floor fans $15 to $25 ea.

Richard J. Moyer was the auctioneer.

SHERRIF SALE

A Public Sale of antiques and household goods was held June 3 and 4 by Mr. and Mrs. Joe Sheriff, between Kistler and Blain on Route 17 on Ridgeview Rd. There was a good turnout at the sale.

Some prices received were: oval oak china closet $925, 4 section bookcase $440, Linton stove $450, washstand $120, oak rocker $130, copper wash boiler $55, bedroom suite $170, gun cabinet $70 and freezer $100.

Chuck Bricker was the auctioneer.

HARVEY SALE

A Complete Milking Herd Dispersal was held June 2 by Clifford and Patty Harvey at Lambs Creek, 4 miles from Mansfield, Pa.

The average of the 35 mature grade Holsteins was $810. The four top selling cows were $1310, $1235, $1185 and $1110.

Gordon Wood was the sales manager.

BUTLER & WILSTON SALE

A Heavy Equipment Auction was held June 4 by Ernie Butler and Claude Wilston, ½ mile south of Tioga, Pa. on Route 287.

Some prices received were: Case 580B Backhoe, $10,000, Miller drag box $2100, Austin Western grader $4000, Cat 950 loader $17,250, A.C. HD6 crawler loader $6600, J.D. 450B dozer $11,750, Cat D6 dozer $5600 and Shield tandem truck crane $2900.

Dick Crittenden Auction Co. managed the sale.

STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

Carroll's Sales Co., Inc.

P.O. BOX 307
PHONES: FELTON, DELAWARE 19943
302/284-4911
AUCTIONEER

AUCTIONS OF ALL TYPES

PUBLIC AUCTION

VALUABLE FARM & BUILDING LOTS

FRIDAY, JUNE 24, 1988

6:00 P.M. SHARP

LOCATION: WILLOW GROVE - COUNTY ROAD 207; FROM CAMDEN, TAKE ROUTE 10 TO MUD MILL ROAD, TURN RIGHT AND FOLLOW SIGNS TO FARM ON LEFT.

SALE #1

HALF ACRE BUILDING LOTS W/100 FT FRONTAGE GOOD INVESTMENT!

SALE #2

200 (+/-) ACRE FARM WITH APPROX 125 TILLABLE/GOOD SOIL

TERMS OF SALE: 20% OF THE PURCHASE PRICE WILL BE REQUIRED TO BE PAID ON THE DAY OF THE SALE AND FINAL SETTLEMENT ON OR BEFORE SEPTEMBER 1, 1988. THE PERCENTAGE PAID ON THE DAY OF THE SALE WILL BE TREATED AS PART OF THE PURCHASE PRICE IF THE TERMS OF THE SALE ARE COMPLETED WITH; OTHERWISE, IT WILL BE FORFEITED FOR NONCOMPLIANCE AND TREATED AS LIQUIDATED DAMAGES. THE DOWN PAYMENT WILL GO INTO AN INTEREST BEARING ACCOUNT, WITH INTEREST GOING TOWARD THE PURCHASE PRICE. BUYER TO PAY THE COST OF DEED, TRANSFER TAX AND THE SURVEY. THE SELLER RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS. *POSSESSION* SHALL BE AT CROP TIME OR NO LATER THAN DECEMBER 1, 1988, OR AS AGREED IN WRITING BY THE TENANT AND ALL PARTIES CONCERNED.

AUCTIONEER NOTE: SURVEY/PERK TEST AVAILABLE ON THE DAY OF SALE

CALL FOR COMPLETE BROCHURE

SELLER:

KLING'S FARM PARTNERSHIP

AUCTIONEER:

CHESTER LEE CARROLL

AUCTION SALE

SALE BY ORDER OF SECURED PARTY

TRACTORS, TRUCKS TRAILERS, FORKLIFTS WELDERS, MACHINERY, POWER TOOLS

THURSDAY, JUNE 16 - 10 A.M.

ON PREMISES

DELAWARE REPAIR SERVICES, INC.

1001 FAIRVIEW ST., CAMDEN, NJ

FORKLIFTS, TRACTORS, TRUCKS, TRAILERS

1982 Autocar Tri Axle Dump Model K-564, Cummins Engine NTC-300, 50,000 Lb Rear and Air Lift Pusher Axle, 20,000 Lb Front w/Power Steering 15 Ft Steel Body w/Air Operated P T O, 1983 Int'l Mod S-2275 NTC 290 Cummins, 9 Sp Trans 38,000 Lb Rear 1000x20 Tires, New Paint, 1978 Int'l Mod S-2275, 290 Cummins Eng, 38,000 Lb Rear 10 Sp Trans, (2) 1978 Peterbilt Sg Axle Detroit Power Eng 10 Sp Trans Power Steering 23,000 Lb, 1975 Mack R-686-ST Tractor, Engine 300 Maxidine, 5 Sp Trans 38,000 Lb Rear; (3) Sgl Axle Mack Tractors U-685-T, 237 Maxidine Eng, 5 Sp Trans 23,000 Lb Rear, Range from 1970-1977, 1974 White Road Commander T A Tractor (Conv) 238 Detroit, 10 Sp, 1000x20 Tires, 1971 GMC Conv Tractor S A 238 Detroit, 10 Sp, 1000x20 Tires, 1968 Mack U-Mod Tractor S A 673 Maxidyne 10 Sp 1000x20 Tires, (4) Pick-Up Trucks Ford Ranger- (1) 1983 - 4 Cyl & 4 Sp Trans, (2) 1984 - 4 Cyl & 4 Sp Trans, (1) 1985 - 4 Cyl & 5 Sp Trans, 1969 Chev C-10 P U Truck w/8' Bed 6 Cyl, 3 Sp, (2) Dorsey 38' Flat Bed Trailers 1000x20 Tires, (1) Fruehauf 40' Flat Bed Trailers 1000x20 Tires, Caterpillar Propane Driven Fork Lift Truck M/V60B, S/N 89M1475, 6000 Lb Cap Pneumatic Tires, Caterpillar Diesel Driven Fork Lift M/V300, 3208 Cat Engine, 16,000 Lb Cap S/N 25V00593, Caterpillar Diesel Driven Fork Lift M/V300, Ransome Lift Equip #8567, Engine Missing, Left Wh Dismantled and Boom, Hoogh M/HM Pay Loader Gasoline Driven, Hyster M/H180H, S/N C7P-225Y, 25,000 Lb Cap, Diesel Driven Lng, Pneumatic Tires

WELDERS, POWER TOOLS, MACHINERY

2 Airco CV300 Mig Welders, 3 Miller CP 300 Mig Welders, 2 Hobart Mega Arc 400 Welders, 4 Airco Bumble Bee Welders, 4 Asst Welders, Drill Presses, Grinders, Transmission Jacks, Chain Hoists, Jack Hammers, Steam Jenny, 8' Bending Brake, 18" Dewalt Radial Arm Saw, Metal Cutting Saws, Asst Pumps, Planers, Screw Guns, Hand Tools, Parts Cabinets w/Fasteners, Air Compressors, Bolt Guns, Rivet Guns, Chipping Hammers

INSPECTION: JUNE 15th - 10 A.M. to 3 P.M.
TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQ.

PA. AUCTIONEERS LICENSE AU000175L

ESTABLISHED IN 1834

COMLY Auctioneers

WM. F. COMLY & SON, INC.

1825 EAST BOSTON AVENUE
PHILADELPHIA, PENNSYLVANIA 19125
(215) 634-2500

LARGE ANTIQUE DISPERSAL

WEDNESDAY, JUNE 15, 1988

At 1:00 P.M.

At Troxelville Auction Gallery, 25 Miles West of Selinsgrove, PA. Off Rt. 522 West at Beaver Springs onto Rt. 235 North, 4 Miles to Troxelville, for Info. Ph. 717-658-7141.

Selling 100's Pcs. of Quality Antiques in Oak Furniture, Early Victorian, Mahogany, Depression Furniture, Country Primitive Furniture, Fine Glassware China & Collectibles Plus Many Other Outstanding Quality Additions.

AUCTIONEER:
C.P. JACOBS, JR.
AU-002333-L

"Important Estate Auction: Entire Contents of a Large Richfield, PA. Home on June 22th at 1:00 P.M., Watch for Entire Listing in Local Papers."

PUBLIC AUCTION

SATURDAY, JUNE 18th, 1988

9:00 A.M.

Sale Location: 650 New Street - Spring City, Pa. 19475 (Just off Route 724-Watch for Signs)

Great Volumes of Merchandise Offered in All Categories-Parts and Inventory Bins Galore, Metal Shelves Filled to The Ceiling With Items of Interest to the Mechanical, Electrical, and Plumibng Trades. Following is a Hint of All to be Sold! Oxford Pressure Washer, RIDGID Electric Pipe Threader, FOX Battery Charger, Lube Line Return, HANDYLECTRIC Power Drain Cleaner, Valve Grinding Kits, Homelite 4" Trash Pumps, Clarke 24 Volt Battery Charger, TROY BILT Rototiller, Shop Vacs, 3-Section Gang Mower, Grease Pumps, H.D. Hydraulic Pistons, Electrical Hand Tools, Electrical Elbows, Couplings, Fuses, Etc., Columbia Oil Burners and GunType Burners, Electric Motors, Sump Pumps, Air Lines and Hoses, Acetylene Torches, Hoses, Cart & Gauges, General Electric Welder & Leads, Welders Work Table, Grinding Wheels 3"-12" Stone or Metal, Pressed Bearings all Sizes, Vises and Work Benches, P.T.O.'s Large and Small, Roller Bearings, Universals, Belts, Pulleys, ¼ "-4" Brass Valves, Pipe Dies, Steel Stock and Racks, Inventory Bins Loaded with Nuts, Bolts, Nails, Etc., ToolBoxes Galore Both Wood and Metal w/ Multiple Drawers, Machinist Tool Chest and Tools, Heavy Equipment Tools, Axes, Shovels, Rakes, Assorted Hand and Garden Tools, Wheel Barrows, Ladders, Metal Shelves, Storage Bins and More!!! 12 FT. PRODUCE DISPLAY CASES, New Compressors, Produce Work Table, New Cooling Unit and Compressor, 10'x10' Walk-in Box w/ New Compressor, Coin Wrapping Machine, Cash Registers, Office Desk, Chairs, Hotpoint Commercial Air Conditioner, Quasar Color T.V., Metal File Cabinet, Exhaust Fans...and More!!!!

Impossible to List All!!! Mixed in you will find many items in the Antique Line Including Many Hand Tools, Cast Iron Kettle, Railroad Station Platform Scales, Ceiling Fan, A Hobart Coffee Mill Beauty, Beer Tap ETC.!!!

Bring Your Truck!!! This Sale Has Something For Everyone. A Full Day of Selling. Ideal for those in retail business or self-employed trades.

TERMS: Cash or Approved Check. Buyers need identification.

Conditions by:

CHARLES BREHM

Refreshments Available.

Not Responsible For Accidents.

This hand bill for advertising purposes only. Statements made day of sale shall take precedence over all printed materials.

KEN REED
Auctioneer
Pa. Lic. AU-001658-L
Appraisal - Estates Bought and Sold - Liquidations
401 Main Street
Royersford, Pa. 19468
Phone (215) 948-4871

GAP AUCTION

FRIDAY, JUNE 17, 1988

5:30 P.M.

HOUSEHOLD GOODS, ANTIQUES, & TOOLS AT EVERY SALE

Selling an Estate From West Chester

Located near the Town Clock opposite the Minit Market in Gap, PA.

SALE FRIDAY NIGHTS

Ira & Dale Stoltzfus & Luke Whitman
Auctioneers

717-442-4936 **AU-000907-L**

PUBLIC AUCTION

SATURDAY, JUNE 18

SALE TIME: 9:30 A.M.

8020 APPLYBE RD., WEST HANOVER TOWNSHIP

Directions: East of Hbg., PA. Take N. I-81 to exit 26 (Linglestown), go to square, turn right, go approx. 2 miles, turn left on Piketown Rd., stay on Piketown Rd. to Mt. Lural Church, turn right, second road on right, Applybe Rd., stay on Applybe Rd. to auction. Look for signs.

REAL ESTATE

16.61 acres, 2 story house, barn, lg. 2 bay garage and smoke house. For prior inspection call (717) 944-1117. Must have $7,500.00 in cash, certified check or cashier's check made payable to McNeal's Auctioneering.

TRUCKS

1974 Ford F-6 21 ft. flat bed, 21,000 lbs. w/wench, 1972 Chevy C-60 16 ft. flatbed w/wood sides, 1961 Ford F-350 1 ton (no title), 1972 F-100 Ford pick-up A/T.

FARM EQUIPMENT

International 656 hydrostatic, Farmall 460, Farmall 300, John Deere haybine, International 33 loader, International 2 pt. 3 bottom plow, New Holland baler 66 motor driven, 3 pt. post hole digger, 3 pt. post hole driver, hammer mill, 2 pt. corn planter, 2 hay wagons w/rubber and 2 wagon frames w/rubber tires, 3 pt. fertilizer spreader, John Deere hay fluffer chopper, manure spreader, International 25 sickle bar mower, Oliver grain drill, 3 pt. dirt blade, 6 ft. rotary mower (as is), 16 ft. grain elevator, 24 ft. hay elevator, corn sheller, spring harrow/cultipacker, 3 barrel sprayer, 7 ft. x 9 ft. trailer, app. 2 ton straw, app. 3 ton corn.

TOOLS AND GARDEN

¼ ", ⅜ ", ½ " sockets, wrenches, screw drivers, Craftsman top box, 2 hp air compressor, Lincoln welder, variable speed drill press, Homelite 360 chain saw, chain saws, air tire changer, 2-barrel oil lumps, ¼ " and ½ " drills, 6" vise, hydraulic cylinders, Sears heavy duty 40-160 amp battery charger, gas concrete trowel, aluminum bull float, 6 hp Craftsman rototiller (1 yr.), 3 hp rotary mower (1 yr.), Ford 100 42" cut w/chains, riding mower, Springfield 8 hp 36" cut riding mower, David Bradly tractor w/sicklke bar mower, variety of tow chains and cable, weed eater, hand and garden tools.

HOUSEHOLD

Complete service for 8 in ruby w/pitcher and glasses, 12 goblets and 12 sherbert dishes w/ruby, glass punch bowl set, china cupboard, server w/bow glass and lions feet, mahogany corner stand w/drawer, plank bottom chair, Lane cedar chest, 6 and 10 gal. crocks, 2 electric meat slicers, 1 lg. 1 sm., G.E. 20 cu. ft. chest freezer, Westinghouse 18 cu. ft. refrigerator, Monarch green and white porcelain cook stove w/bun warmer, Singer sewing machine.

Terms: Cash or approved checks, out of state buyers must have cash or travelers checks.

ESTATE OF

DONALD SHAFER

AUCTIONEERS:
McNeal's Auctioneering
Richard and Rick McNeal
AU-001380-L, AU-002188-L

Order of Sale: Starting with household and tools, followed by farm equipment; real estate 12:00 p.m.

Food Stand Reserved

Sale Reports

PUBLIC AUCTION
OF 1951 CHEV PANEL TRUCK, ORCHARD EQUIP., DRY SINK ANTIQUES & TOOLS
on SAT., JUNE 18, 1988

Located along Forgedale Rd., 2½ mi NW of Barto off Old Rt. 100, 1 mi S of Bally, off Rt. 100 or 1¾ mi SE of Landis Store, District Twp., Berks co. Watch for signs.

Dry sink w/paneled dr top; Oak Hoosier kitchen cabinet; jelly cupboards; benches; glassware; crocks; jugs; butcher furnace; meat tubs & grinder; milk cans; L C Smith & Knickerbocker dbl bbl shot guns; old rifle.

1951 CHEV 3100 PANEL TRUCK w/33,500 original mi-stick shift-excellent shape; Wheel Horse 5000 watt belt dr generator; Mighty Mac belt dr shredder; Craftsman 20' table saw & 4" jointer; circular saw; vise; small saw buck; poultry equip; 12'x10' chicken house; barrels; carpenter & garden tools; hog troughs.

MEYERS PTO ORCHARD SPRAYER w/ approx. 300 gal. tank-excellent shape; Chev 3600 orchard truck; baskets; approx. 500 bu. & ½ bu. baskets - some new; apple picking bags; 3 PT Ford sickle mower - 6' disc - 8' harrow - cult - 2 row corn planter 2x12" plow & platform; traction dr man spreader; lime spreader; hoco plow; ladder; scrap iron and many more items.

Sold For
CATHERINE C. KEMP
Sale at 9:30 A.M.
Frey Auctioneers, AU-000302-L
TERMS: Cash or Pa. Check.
Refreshments on premises

Public Benefit Auction
Saturday, June 18, 1988
9:30 A.M.
Located at Rt. 501 and Newport Road, Lititz, PA

All Day Auction & Chicken Bar-B-Que to benefit Trinity Baptist Church Building Fund & Bus Ministry

1969 Buick Electra, baseball cards, coins, nice lot of Indian jewelry (10-15 years old), Wilbur Chocolate molds, lot of craft items, Bisque dolls, used antique and reproduction furniture, glassware, china, small appliances, several rolls of insulation, household items, farm toys, other toys, hardware, tools, food, gift certificates.

WINROSS TRUCKS: N.G. HERSHEY, BINKLEY & HURST (Both Models), DUTCH WAY, FAMILY TIME RESTAURANT, STIEGEL BUILDERS, PRESTON (Double Trailer), Mc QUAIDE TRUCKING, RUDDERS DAIRY, AUCTION 21, and others, ERTL Trucks and Farm Tractors.

TIN BOX... This part of the auction is from the private home of Arthur Adams Sr. of Akron, Pa.: All of the following is in like new condition! 6 pc. maple dinette set, RCA Color TV, maple bed, chest of drawers, cedar wardrobe, night stand, Singer sewing machine, B&W TV, beautiful gone with wind lamp, small appliances, metal cabinets, pine server, kerosene heater, hand truck, what not shelf, pictures, occ. Japan figurines, linens, household goods, lamps, lawn chairs, 2 pc. living room suite, quilt, elec. broom & many items not mentioned, items continue to arrive, don't miss this all day affair.

Donations and consignment will be accepted from now until Auction Day. Please contact one of the following.

Aaron Riehl - 627-4077
Luke Witman - 665-2357
Richard Murry - 626-8175
Rich Murry &
Luke Witman Auctioneers

E.M. Murry Associates
10 S Broad St
Lititz, PA 17543
Elmer Murry 626-2636
Richard Murry 626-8175
Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

SHERMAN SALE

A Public Auction of real estate and antiques was held June 4 by Mrs. Ed. Sherman, between Belleville and Reedsville, Pa.

The 2 plus acres with an old brick house, stable and chicken house was sold for $87,000.

Other items sold were: high Victorian bed $500, Victorian dresser $500, wardrobe $625, blue decorated crock (cracked) $430, new canopy bed $460, and round marble-top stand $325.

Mark Glock was the auctioneer.

KOHL SALE

A Public Sale of real estate was held June 4 by William Kohl, Wyomissing Ave., Mohnton, Berks Co., Pa.

The Kohl's Mill on approximately 5 acres of land was sold for $64,000.

Horning Farm Agency, Inc. conducted the sale.

SCHMUCK SALE

A Public Sale of real estate and antiques was held June 4 for Hazel R. Schmuck, 821 N. Duke St., Lancaster, Pa. There were 252 registered bidders for the sale.

The real estate included a 3 story brick Victorian row house with a 1-car garage and it was sold to Henry Klilne of North Duke Street for $56,000.

A two-car garage was sold for $19,000 to Sandra L. Zerby of West Chestnut St., Lancaster, Pa.

Other items sold were: 15-pane grained Dutch cupboard $10,700, Mahontonga chest of drawers $3800, Slaugh mahogany dining room suite $1975, 5 Dudley watches $3900, $3500, $3000, $2100 & $2000, grained tilt-top bench table $10,500, Chinese oriental rug $2100, 2 room-sized oriental rugs $1700 each, 1910 $10 gold piece $500 and toll tink shaker $380.

Other items sold included: decorated chairside chest $600, four-stack oak bookcase $890, oak claw-foot plant table $275, oak washstand $160, mahogany poster bed $250, 2 five-stack mahogany bookcases $725 & $710, schoolmaster desk $320, Hamilton pocket watches $200 & $120, oak Larkins desk $150, political buttons $140, stamp books $150 & $140, carnival hatpin holder $140, Scofield redware vase $105, penny bank $100, Hubley doorstop $65, Olympic coin sets $245 & $240, spice box $260, and 1950 Chevrolet two-door car $6000.

The auction was conducted by J. Omar Landis Auction Service. Auctioneers were: Omar Landis, J. M. Witman and Luke R. Witman.

PUBLIC SALE
VALUABLE MACHINIST-BLACKSMITH-CARPENTER-POWER & HAND TOOLS, STEAM & CAR PARTS, HOUSEHOLD GOODS, ANTIQUES, ETC.

SATURDAY, JUNE 18, 1988
TIME: 8:00 A.M. SHARP

Corner of Valley & Washington Sts., Mechanicsburg, PA, one block north Williams Grove Rd. or 1 block west York St. Signs posted.

MACHINIST-BLACKSMITH-CARPENTER-POWER & HAND TOOLS, STEAM & CAR PARTS, ETC.

Ellis Keystone Model "B" Thrashing Machine Totally Restored Same As New; Mechanical one ton press; air compressor; Frank Tooney metal shaper, 2' swing; metal planer, 4' bed; water cooled air compressor; Onan generator, 4KW; chain hoists, 2 & 8 ton; 200 amp Lincoln welder, DC with engine; Garvin 11" high, 4' table drill press; large vise; **steel tire bending machine; blacksmith forge & tools; steam whistles & pumps;** asst. steam & high pressure valves; Globe Miller machine; fittings; bench grinders; line shafts with pulleys, brackets & bearings; Wisconsin power unit with clutch; power unit winch with cable; B&D h.d. ½ " elec. drill; Lincoln 225 amp arc welder; 500 lb. welding rods; Smith welding torch & accessories; **spool cabinet; carpenter toolbox; machinist cabinet;** elec. drills; asst. drill bits,all sizes; 2 chainsaws; RR jacks; hydraulic jacks; pipe die, 3" to 4"; tap & die sets; pipe cutters, wrenches & bender; tin snips; pop valves; valve reseater; box & open wrenches; saws; lots of planes; adjustable wrenches; bars; saw sets; calipers; flaring tools; pullies; hooks; asst. elec. motors; pipe vise; welding table; Craftsman 6" table saw, OK; files; bag cart; levels; rules; grease guns; **Studebaker Champion engine, rebuilt, OK; Frick refrigeration compressor; Studebaker Erskin power unit, OK;** lots auto parts; iron, all kinds & sizes; shop vac; C clamps; mechanic seat, parts bins; flu rollers; tapered reducers; parts books; stamp letters & numbers; **Tungar battery charger, 6 & 12 volt; machinist, carpenter, garden, masonry & mechanic tools, all kinds;** elec. cords; elec. grinder; workbench; lubricator steam engine; creepers; iron wheels & axles; saw guide blocks; acetylene generator, OK; A ladders; **asst. lumber, oak, poplar, walnut & maple;** stepladders; brake relining machine; oil drum & pump; gas tanks; Sunbeam furnace converted to oil; Caloric space heater, uses all fuels; gears, all sizes; lots more not mentioned.

HOUSEHOLD GOODS--ANTIQUES, ETC.

Kenmore automatic washer & dryer; breakfast set; Tappan bottled gas stove; Kelvinator refrigerator, OK; metal wardrobe; metal bed complete; **Monitor top refrigerator, OK; oak buffet, server, blanket chest & square table;** plank chairs; hand victrola; radio horn; mantel clock; quilting frames; camel back trunk; child's rocker; 6 plank chairs; doughtray; dresser; antique meat slicer; drop-center dresser; floor radio; trunks; flower stands; box top sewing machine; jelly cupboard; old cabinets; express wagon; mirrors; pictures; luggage; scales; old clothing; material; blue flowered jug, W.M. Muier Hbg., PA; wooden measures; old books; cider keg; Cowden crocks; milk buckets; Paul Revere lantern; antique light; light bracket; nightstand; rug beaters; milk can; small electrical appliances; pots; pans; cooking utensils; silverware; blue, depression, milk, pressed, pattern & china dishes, many are antique; food grinder; tinware; bedding; old boxes; buck saws; quilts; rule boards for sawmill; automobile clock, stainless steel kettles.

Please Note: Only a partial listing, lots more of everything in tools & household goods. This is an accumulation of 60 years. Something for everyone, don't miss it. **Terms: Cash, traveler or approved checks. Sale starts 8:30 a.m. sharp (2 auctioneers selling same time from 8:30 a.m. 1-tools & 1 household goods).**

PERCY F. BECK, OWNER

George Haar, Auctioneer
Lic. #AU-377-L
Phone Dillsburg 432-3815.

2 DAY PUBLIC AUCTION 2 DAY
OF VALUABLE ANTIQUES - COLLECTIBLES & PERSONAL PROPERTY
ON FRIDAY EVE., JUNE 17, 1988
AT 5:00 P.M. SHARP!
AND ON SAT., JUNE 18, 1988
AT 8:30 A.M.

AT SPRINGETTS FIRE CO. SOCIAL HALL
3013 EAST MARKET STREET
YORK, PENNSYLVANIA

SELLING FOR THE CATHERINE I. BUDDING ESTATE OF YORK PA & OTHERS

ANTIQUES & PERSONAL PROPERTY

Walnut Slant Top Desk with Fluted Corners; Three over 5 Hi Chest of Drawer; Walnut Tilt Top Table; Chest of Drawers; Windsor Side Chair & Rocker; Poster Bed; High Walnut Victorian Bed; Empire Chest of Drawers; Walnut Washstand with Mirror; Balloon Back Rocker; 2 Walnut Drop Leaf Tables; 2 Colored Marble Top Tables; Mahogany High Slope Front Desk; Chest; 18 Drawer Letter File; Single Sewing Machine; Braided & Oriental Style Rugs; Medical Cabinet; Picture Frames; Ice Cream Table & 4 Chairs; Cradle; 10 pc. Dining Room Suite; Cedar Chest; RCA XL 100 Color TV; Currier & Ives Prints in the Lincoln Family, The Washington Family, The Little Sisters, Little Brothers; Quilt; Old Bedding & Linens; Lamps; Wash Bowl & Pitcher.

DISHES - GLASS - COLLECTIBLES - ETC.

Vases; Pitchers; Bowls; Goblets; Cake Stand; Platters; Glasses; etc. etc. in Moon & Star; Lustre; Ironstone German, Austria, Limoges, Cut-Pressed, RS Prussia, Japan etc.; Spatter Pitcher; 14 B&G Plates 1960-1973; Pewter Pitcher; 2 Spice Sets; Assorted pcs. of Sterling; York County Historys; Set of Woodrow Wilson Books; Lincoln Books by Carl Sandberg; History of United States & Other Old Books; Royal Bayreuth Mothers Day Series Plate; Red Water Set; Small Locks; Several Old Wagons; Scooter; Sled; J Deere Caterpillar & Tonka Toys; Scales; 50 Pocket Knives; 2 Miniature Sewing Machines; Iron Bulldog; Candle Snuffer; Skaters Lantern and Many Other Articles too Numerous to Mention.

Refreshments Available; Good Parking; Preview Showing Thurs. Evening, 7:00 P.M. to 8:30 P.M. and 1 Hour Prior to Auction Each Day.

TERMS: CASH - Certified or Traveler's Checks. No Out of State or Personal Checks Unless a Regular & Approved Customer. All Others Must Have a Current Letter of Credit From Your Bank.

Auction Conducted By
GILBERT & GILBERT AUCTIONEERS
RD#1, Wrightsville, Pa.
Jacob A. Gilbert #336
Brian L. Gilbert #2256

Attention! Attention!
Farm Equipment and Tire Dealers
Interested In Buying Or Selling Goodyear Tires In Your Business? Contact Ken Morgan, Mgr.
Farm Tire Sales
Goodyear Tire & Rubber Co.
Scott Plaza #2
Philadelphia, Pa. 19113
215/521-4000

Sale Reports

KEITH SALE

A Public Sale of antiques and collectibles was held June 4 for Mahlon Keith, N. Ridge Rd., Reinholds, W. Cocalico Twp., Lanc. Co., Pa. There were 150 bidders.

Some prices were: Peter Derr latch $100, pair frog-leg hinges $70, 3 books about East Earl, West Earl and Earl townships $80, Conestoga Wagon ax holder $70, pine tree thumb latch $76, wooden wheel-barrow $70, wooden express wagon $50, scalding trough $40, tinsmith tool $62, Red Warrior ax $58, old horn $40, and a small peanut can $38.

H.H. Leid Auction Service conducted the sale.

LARC SALE

A Benefit Sale for the Lancaster Ass'n. for Retarded Cititzens was held May 30 at Central Manor Auction House, 2 miles south of Mountville, Lanc. Co., Pa.

Some prices included: Amish wool quilt $2200, 1830's coverlet $995, marble-top washstand $225, 5 pc. Victorian parlor suite $525, dining room suite $750, brown & white homespun material $300, antique wind-up toy $300 and quilts $200 to $500 each.

The auctioneer was H. Edward Johnson.

STAUFFER ESTATE SALE

A large two day Public Sale of antiques and coins was held June 3 and June 4 for the Jared R. Stauffer Estate, Martindale, Lanc. Co., Pa. east of Ephrata. There were 446 registered bidders at the sales.

Some of the prices included: oak china closet $650, walnut drop-leaf table $300, 6 arrow-back chairs $345, maple drop-leaf extension table $320, modern grandfather clock $480, modern walnut bedroom suite $650, gingerbread mantle clock $195, Remington gun $340, bracket light $220, carnival rose bowl $62.50, carnival punch bowl $185, carnival butterfly water set $375, Norwood dark carnival bowl $115, 6 flow blue cups and saucers $285, flow blue vegetable bowl $65, "Gone With the Wind" lamp $170, snowblower $1000, 5 rototillers $230 to $510, 3 lawn mowers $165, $260 & $365, garden tractor $400, Martindale Weinhold store plate $120 and orchard sprayer $170, plus 1914 2½ dollar gold piece $230.

The auctioneers were T. Glenn Horst, Timothy G. Horst and Thomas A. Horst.

PUBLIC AUCTION

OF
REAL ESTATE AND
PERSONAL PROPERTY
THURSDAY, JUNE 16, 1988
@ 6:00 P.M.

Located at the east end of Hinkletown, along Rt. 322, Earl Twp., Lanc. Co., Pa.

2 story frame house needs to be completely redone or replaced. Well and Septic system. Nice lot with trees. **TERMS:** 10% down day of sale; settlement on or before August 16, 1988. **INSPECTION** by appointment.

PERSONAL PROPERTY

1976 Plymouth Sport Fury, 55,000 original miles; Kitchen table; 4 Oak Chests of Drawers; Oak Dressers; Odds and ends of chairs; Pine blanket chest; Pine chest of Drawers; Metal Bed; End tables; Agate ware; Odds and ends of Dishes; Forks; Shovels; Hand tools; Other items not mentioned.

TERMS BY:
HARRY WANNER

HORNING FARM AGENCY, INC.
Alvin Horning AU000433-L
Merle Eberly AU002417-L
Main St., Morgantown, Pa. 19543
215-286-5183

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, TRACTOR, TOOLS, COINS
Brownstown Area
THURS., JUNE 16, 1988
Sale at 9 A.M.
Guns 3 P.M.; Coins 2 P.M.
Located at 3911 Oregon Pike, Rt. 272, West Earl Township, Lanc. Co., PA. (Directions: Located along Rt. 272, approx. 1 mile south of Brownstown.)

Oak Bowed Front & Side China Closet; Jelly Cupboard; Cherry Corner Cupboard (modern); Waterfall Bedroom Suite; Blonde Oak Bedroom Suite; Walnut Dining Room Suite; Maple Parlor Suite; Oak Parlor Tables, Benches; Maytag Wringer Washer; Quilt Frame; Chests; Umbrella Stand; Electrolux Sweeper; Cuckoo Clock; Tiffany-Type Parlor Light; Child's Rocker.

CHINA & GLASSWARE

Pressed & Pattern Glass Baskets, Salts, Wine Sets, Berry Set, Blue Hobnail; Blue Willow & Abby Maestricht Bowls; Chicken-on-Nests; Carnival Glass; Opalescent Glass; ABC Plate (The Walk); Noritake; Occupied Japan; Historic Blue Plates; Fruit & Flower Dishes; Lustre Creamer; Cookie Cutters; Oriental China; Pink Historical Plates; Collection of Bells; Trinkets; Depression Glass; Nautilus ware; Vaseline Glass; Teapots; Marbles; Milk Bottles; Kerosene Light; Pictures; Cherry Seeder; Banjo Clock; U.S. Bank; Crocks & Jugs; Jardiniere & Stand; Iron Kettle; Flatiron; Washboard; Mantel Clocks (w/Rider); Ice Cream Freezer; Roaster-Oven; Canners; Canning Jars; Linens; Afghans; Tablecloths; Fancywork.

TOOLS: FARMALL A TRACTOR - Good Condition, (Plow, Cultivator & Disk); 8 HP WHEEL HORSE RIDING TRACTOR w/ Mower, Snowplow & Chains; BILLY GOAT LAWN & DRIVE VACUUM; SNAPPER SELF-PROPELLED MOWER (Rear Bagger); Echo Weed Eater; Wood Extension Ladders; Stepladder; Garden Tractor; Lawn Spreader; Handsaw & Hand Tools; Pipe Threader; Scout Axes; Brace & Bits; Pipe Wrenches & Wrenches; Saddle Hooks; Planes; Ash Sifter; C-Clamps; Potato Fork & Forks; Ladder Jacks; Antique Oil Jars.

GUNS: U.S. Remington Model 03-A3; .22 Remington Model 512; .22 Remington Model 552.

COINS: 24 Silver Dollars; Silver Half Dollars; Eisenhower Proof Dollar; Mint Sets - 2 Proof Sets; War Nickels; Wheat Pennies.

Terms by:
ALBERT A. HORNBERGER
KATHRYN E. HORNBERGER
Auctioneers:
T. Glenn Horst & Son Inc., AU438L
859-1331 - 738-1245

PUBLIC SALE

OF HOUSEHOLD GOODS GUNS, & SUPPLIES
STARLITE CAMPGROUND AREA
TUESDAY, JUNE 14, 1988
SALE TIME: 3:30 P.M.
GUNS: 7 P.M.
COINS: 7:30 P.M.

LOCATED AT 1570 FURNACE HILL ROAD, CLAY TOWNSHIP, LANC. CO., PA. (Directions: Rt. 322 W. of Ephrata to Clay; Follow Starlite Campground Signs).

Oak Buffet-- Cedar Chest; China Closet; Chest of Drawers; Small Corner Cupboard; Trunk; Mantel Clock; Jugs; Crocks; Belt Buckles; Pocket Watches; Nazi Belt Buckle; Pocketknives; Cast-Iron Cannon; Golf Clubs.

Pressed & Pattern Glass & Collector Plates; Depression Glass; Spittoon; Tinware; Old Bottles; Beer Trays & Sign; Beer Tapper; Crock & Jug; Cleaver; Linens; Comforter; Hooked Rugs; Dolls; Metal Toys.

Tools: Homelite Chain Saw; Garden Tools; Milk Cans; Iron Trough; Axes; Log Chains.

Coins; 4 Silver Dollars; 2 Cent; Large Cent & Indian Pennies.

Guns: .22 H. PIEPERS OCTAGON BARREL Rifle (Marked Bayard); .22 SAVAGE OCTAGON BARREL Model 25 Rifle; .22 STEVENS Model 73Y Rifle w/Scope; .222 & 20 GA. OVER & UNDER SAVAGE MODEL 24U; .257 CUSTOM MADE RIFLE (Mauser Action) with 3 to 9 Scope; 12 GA. DOUBLE BARREL SHOTGUN; BB Pistol & Gun; Spotting Scope 15 to 60 Power Hunting Knives; Fishing License; Hunting License; Dog Licenses; Game News.

TERMS BY:
RONALD & SANDRA KURTZ
738-2772
Auctioneers:
T. Glenn Horst & Sons, AU438L
859-1331 — 738-1245

PUBLIC AUCTION

OF VALUABLE REAL ESTATE
ON THURSDAY EVENING, JULY 7, 1988
At 6:30 P.M.

At RD #2 Wrightsville Penna. In Hellam Twp. Located off Strickler Road & Bairs Mill Road. The undersigned will offer at Public Auction the following.

REAL ESTATE

14 acres more or less improved with a contemporary style frame house only 3 years old. First floor has a kitchen with an island-dining room, living room, library, half bath, master bedroom with a private bathroom - also a solarium with flagstone floor - downstairs has a large family room with a complete kitchen, cedar lined walls - also 2 bedrooms and a storage room. This house has a 44 ft. front porch with a panoramic view. Good closet space including a cedar lined closet. House is heated by oil heat & electric baseboard heat, has an oil fired hot water heater, red cedar flooring - 200 amp electric service also 2 septic systems one for kitchen & one for bath. There is a 2 car garage and small outbuildings. 8 acres of the land is lawn & farming the remaining 6 acres is woodland & pasture. There is some good standing timber. This real estate offers a quiet atmosphere with a private road and privacy. Anyone looking for a country place be sure and inspect this one and attend the auction. Land is zoned agriculture-rural, will be open for inspection on Tues. evening June 21 & 28 6:30 P.M. to 8 P.M. or by special appointment phone 843-1850 or auctioneers.

TERMS: 10% down balance in 60 days. Possession could be given in 15 days. Other conditions at time of auction.

This real estate is only a short distance from Wrightsville, Penna. in York County and is in Eastern School District.

AUDREY J. HOKE
STANLEY R. HOKE
Owners
Brian L. Gilbert #2256
Phone 252-1656
Jacob A. Gilbert #336 AUCTIONEERS
Phone 252-3591

ANTIQUE TOOL AUCTION

SAT. 9:30 A.M.
JUNE 18th

Ridge Fire Co., Rt. 23, Spring City, Pa.

Woodworking and related tools of the 18th & 19th century. E.W. Carpenter, Stanley, Phila. makers, we have them all! Come join the fun.

No Reserves - No Absentee Bids
Barry Hurchalla - Auctioneer
343 High St.
Pottstown, PA 19464
(215) 323-0333
Lic. #AU-1902-L
TERMS: Cash

PUBLIC AUCTION

SATURDAY, JUNE 25, 1988
10:00 A.M.

REAL ESTATE - WOODWORKING TOOLS - HOUSEHOLD GOODS

Dead End Road, R.D. #2, Annville, East Hanover Twp., Lebanon Co., PA. DIRECTIONS FROM JONESTOWN: At the intersection of Old Rt. 22 & 72 in Jonestown, go 2¼ miles West on Old Rt. 22, at West side of Ono turn left onto McGillstown Rd., go ½ mi., turn right onto Dead End Rd., 2nd home on left. DIRECTIONS FROM ANNVILLE: Go 1 mi. North of Annville on Rt. 934 and turn right onto the Ono Rd., go 3 mi. North on the Ono Rd. & turn left onto the McGillstown Rd., go 1 mile & turn left onto Dead End Rd., simply follow the auction arrows.

REAL ESTATE: Consists of a 28'x50' Ranch home with an attached 20'x28' two car garage. The home features a living room, modern cherry kitchen with gas range, 4 hall entered bedrooms and bath, separate laundry room & full basement with recreation room. Three (3) zone oil hot water furnace & wood burning furnace, 1,000 gal. buried oil tank, drilled well & on site septic. Other buildings include a 26'x40' workshop with attached 42'x26' heated woodworking & spraying area with showroom & a small building used for animal housing. All this site on a lot 225'x280' being 1.48 acres. This is an excellent opportunity to acquire a country property in an open agricultural area. **INSPECTION:** prior to the auction by calling 717-865-5028. **TERMS:** 10% down on day of sale, balance due October 1, 1988. Real Estate will be offered at 12:00 noon.

WOODWORKING EQUIPMENT & TOOLS: Powermatic #100 12" planer, Stanley router with stand, Rockwell laminate trimmer, Milwaukee and Makita ⅜ " drills, Rockwell #505 sander, 10" carbide saw blade, Dado blade, Binks #18 spray gun with tank & regulator, Walnut, Oak, Poplar lumber, ¾ " birch, ¾ " Oak plywood, 4' vanity top, miscellaneous plywood and laminate, levels, miscellaneous cabinets, doors and other items.

HOUSEHOLD ITEMS: Kelvinator 20 cu. ft. chest freezer, new 30" GE slide in almond range, china cupboard, buffets, chairs, kitchen table, baby swing, walker, stroller, girls 10 speed bike, grill, quilt tops, assorted crafts, illustrated World Encyclopedia set, books, miscellaneous items.

FOOD STAND
REASON FOR SALE: Owner is relocating business.

CONDITIONS BY:
JOHN M. FREY
RUTH ANN FREY

Auction Conducted By
Nelson L. Ebersole
License #AU-001307-L
Phone: 717-867-5221
Ira R. Shoop
License #AU-001631-L
Phone: 717-534-2030

Ebersole & Shoop, Auctioneers
REAL ESTATE BROKERS — AUCTIONEERS

Public Auction Register

Closing Date - Monday - 5 00 P M
of each week s publication

JUNE

FRI JUNE 10 & SAT JUNE 11 - Fri- 5PM, Sat-9 30AM At Springetts Fire Co Social Hall, 3013 E Market St , York, PA Mrs Chester E Billet, Owner Jacob A Gilbert, Brian L Gilbert, Aucts

FRI JUNE 10 & SAT JUNE 11 - 9 30AM Each Day Real Estate, Vehicles, Tinsmith Tools & Equip , Antique Toys, Collectibles, Personal Property At 39 E Woods Dr , Warwick Twp , Lititz, PA, East Woods Dr begins at Your Place Restaurant at Kissel Hill on Route 501 S of Lititz Borough For Robert Himmelberger, Sr Estate

SAT JUNE 11 - 8AM Antiques, Collectibles, Buggy, HH Approx 45 mi N of Harrisburg, at Heller & S Second St , in Berrysburg, Pa Anna V Scheib, Owner Aucts Dockey, Dockey, & Deppen

SAT JUNE 11 - 9AM 5 Parcels of Real Estate, Farm Equip , Irrig System, H H Goods Located 1 mi South of York New Salem, York Co , Pa Turn West on Noss Rd Go 1 mi to Sherwood Rd on right 12 NOON Real Estate Sale for William & Helen Fansler Auct Blaine N Rentzel

SAT JUNE 11 - 9AM Real Estate & Personal Property Loc at 10 Kirby St , Westwood, Coatesville, PA By Donald Dickinson Kenneth Griest & John Stoltzfus, Aucts

SAT JUNE 11 - 9AM Antique Furn , Collectibles, Antique Dishes, Quilts, Comforters, Farm Machinery, Butchering Equip & Access , Yard & Garden Machinery, Mechanical & Hand Tools, HH Approx 6 mi E of Millersburg along Rt 209 Turn N onto Rife Rd in Rife, proceed approx 1½ mi to sale Owner Edward M Neagley Aucts David Deibler, Ed Shoop

SAT JUNE 11 9AM Real Estate, Antiques, Household Goods, Truck & Motor cycle & tools Located at 95 N King St , Schoeneck, West Cocalico Township, Lanc Co , Pa (Directions Rt 272 North of Ephrata to PP&L Service Center, Turn W on Schoeneck Rd For Roger D Sweigart T Glenn Horst & Son, aucts

SAT JUNE 11 - 9AM Antiques, Modern HH, Garden Tractor On premises in York Co , Pa 3 mi S of Hanover, Pa along Rt 94 at 2015 Baltimore Pk Laverne N Palmer, Owner Clair R Slaybaugh, Auct

SAT JUNE 11 - 9AM Tool Liquidation Auction In Richfield, PA (Juniata Co), turn S off Rt 35 at the County Line Restaurant & go 1 mi to 2nd rd to left (Rural Road #3016) past Swartz MF Dealership Then proceed on Rt #3016 past turkey barn 2/10 mi to Y, make right across bridge & go ½ mi to 2nd house Owner Mrs H M (M B) Tompkins Dale L Longacre, Auct

SAT JUNE 11 - 9AM Antiques & Collectibles, Glassware & Pottery Loc on Pine Creek Rd. between Woodward & Coburn, PA Turn on Old Mountain Rd at Dinges Mill Owners Mr & Mrs James C Class Aucts Leon J Smith, James T Smith

SAT JUNE 11 - 9AM Tractors, Farm Machinery, Tools, Guns, Classic Car & Truck For Mrs C Edward Buchenauer, 750 Cowpath Rd , Telford, Pa ½ mi N of Morwood Rd Montgomery Co , 1½ mi west of Telford, PA Henry K Freed & Sons, aucts

SAT JUNE 11 - 9AM Buggies and Sleighs, Farm Machinery, Antiques, Tools, Vehicles Located in Centre Co in the village of Yarnell on Circle Road For Mary J Shawley John Esh, auct

SAT JUNE 11 - 9 30AM 1924 Mod T Ford, 1951 Landcruiser Studebaker, Persian Rugs, Tapestry Pictures, Depression Glass, Antiques, H H , Tools, Gun Located 25 mi N of Allentown, 6 mi W of Lehighton, off Rt 443 in the New Mahoning Fire Hall, Carbon Co , Pa Sale by Sarah Mercer Houser Aucts

SAT JUNE 11 - 9 30AM For New Covenant Christian School 3D Pictures, Winross, Truck & Farm Toys, Hand Crafted Items Lebanon Area Fairgrounds North 72 Right onto Evergreen Road Harry Bachman & Nelson Ebersole, aucts

SAT JUNE 11 - 10AM Reg Heifer Sale New Holland Sales Stables, Inc

PUBLIC AUCTION

ED & DAVE

SATURDAY, JUNE 18, 1988
AT 9:30 A.M.

LOCATED IN POWELLS VALLEY, RD 2, HALIFAX, DAUPHN COUNTY, APPROXIMATELY 8 MILES EAST OF HALIFAX, OFF ROUTE 225 AND 147 ON CARSONVILLE ROAD. APPROXIMATELY 20 MILES NE OF HARRISBURG ON RT. 225 NORTH. (WATCH FOR SALE SIGNS THE DAY OF SALE.)

REAL ESTATE: 16-ACRE FARM

A 16-acre farm with a 9-room, 3-story frame farmhouse with a modern kitchen, breakfast nook, large family room with wood stove (hot water hook-up), dining room, laundry room, and 2 other rooms and a bath. Open stairway to second floor which consists of 4 bedrooms and a bath, ample closet space. Third floor has 2 finished rooms. Most rooms are wall-to-wall carpeted; heated by oil baseboard heat, well water and own septic system. Also, located on ground is a large bank barn, 2-car garage and other outbuildings. Grounds consist of large grape vines, fruit trees, strawberry patch and beautiful shrubbery.

Tract has 703 ft. frontage along Carsonville Road and 834 ft. frontage along Mountain House Road. **This is a beautiful plot of land, most of which is tillable.** Also many other possibilities. **Be sure to inspect.**

FOR INSPECTION CALL 717-362-3404. REAL ESTATE WILL BE OFFERED AT 1 P.M. Terms of Real Estate are 10% down and other terms the day of sale.

HOUSEHOLD GOODS

Wurlitzer double-keyboard electric organ with rhythm box, G.E. coppertone double-door refrigerator, Coldspot refrigerator, Westinghouse 15 cu. ft. chest freezer, Kenmore microwave, 10-piece hardwood dining room suite, 4-piece blue sectional living room suite, 3-piece blonde bedroom suite, 2 pineapple poster single beds with 2 matching chests of drawers and wall mirror, waterfall chifferobe, desk and nightstand, mahogany dressing table, maple bunk beds, oak chest of drawers, oak stands, 3 oak dining room chairs, pressed spindle-back chair, iron crib, 4 ft. mahogany desk, kneehole desk, two 8 ft. folding tables, 20 Meco metal folding chairs, 15 Specialty metal folding chairs, 2 drawer countertop, end tables, redwood patio furniture, oak kitchen cabinet top (not complete), iron hand well pump, dry sink pump, table lamps, large ice chest, approx. 3 doz. salt & pepper shakers, approx. 24 china, brass, etc. bells, wall pictures, service for 8 Princess House china and extras, china water and milk pitcher, pink rose tureen and other small household items. Miniature toys (including J.D. tractors including 1884 anniversary edition with steel wheels, J.D. Froelick 4010, waterloo, JD-A Halls Windroth tractor and trailer, Halls tractor and double trailer, matchbox cars including 1912 Simplex, 1911 Maxwell roadster, 1909 Opel coupe.) Penn State coke bottles, berry boxes, canning jars and other small items.

CAR & BOAT

1958 Ford 4-Door Sedan, V8 automatic with 34,000 original miles, excellent body and in running order with antique license (very nice). Sears 14-ft. car topper aluminum jon boat, 2 sets water skis. Sno Jet #440 Snowmobile.

LAWN & GARDEN EQUIPMENT

Murray 12 HP riding mower with mower deck, Troy Bilt 7 HP rototiller, Murphy 21" rotary mower, Jackson 10 cu. ft. dump cart, rubber tire wheelbarrow, Populon Super 250A chain saw and weed wacker, Populan 3400 chain saw, Remington 59 chain saw, Kelley 3-point hitch hydraulic log splitter, 24" buck saw blade, 2 rolls of fencing.

SHOP EQUIPMENT

Shop Smith Mark V complete with table saw, 4" jointer, 6" belt sander, jig saw, copling saw, lathe, etc. (like new), Lincoln (220) 180 AMP welder, approx. 250 lb. anvil, 4" large bench vise, Welton bench vise, Duracraft #4 bench vise, Craftsman 3" belt sander, Craftsman dual-action sander, B&D 7¼ " skill saw, B&D jig saw, B&D ⅜ " drill and press, B&D ⅜ " drill, Shop Vac, creeper, auto ramps, hydraulic and screw jacks, B&D ½ HP bench grinder, wooden clamps, pipe clamps of all lengths, frame clamps, C clamps, numerous hand tools including carpenter saws, hack saws, levels, squares, hammers, wrenches, screwdrivers, farm hand tools including shovels, rakes, hoes, scythes, etc., nails and hardware, work bench, 2 metal tables, metal shelving, four 3"x3' old barn hinges, 2 hay hooks, wooden pulleys, hanging scale, approx. 20 oak 2x8's, 2x12's and 2x10's in different lengths, numerous oak boards 1x6's, 1x8's, 1x12's in different lengths, 13 ft. walnut log 24" diameter and dry, numerous miscellaneous lumber.

FARM MACHINERY

John Deere 2020 diesel wide front-end tractor with a No. 45 front-end loader (good rubber and excellent running order), Farmall Cub tractor with belly-mount rotary mower (new rubber and good running order), Cub plow, cultivator, disc and 5 ft. blade, J.D. 4-row hydraulic corn planter on rubber, J.D. 14T PTO baler, J.D. 16-hole grain drill on rubber, Ferguson 3-point hitch 3-bottom plow, 7 ft. 3-point hitch cultivator, 8 ft. 2-section disc, Woods C-80 3-point hitch bush hog, 3-point hitch (2 drum) PTO field sprayer, David Bradley 242 hammer mill, 28 ft. bale elevator on rubber, **Approximately 1500 Bushel Round Wire Corn Crib** (must be dismantled), rubber tire trailer, rubber tire axle and frame (used for generator), horse-drawn cultivator, bag cart, approx. 3 doz. steel electric fence posts, milkhouse double stainless tubs, milk cans, oil drum and pump, 200 gal. diesel fuel tank and pump, 25 lb. grease, large scrap pile and other items.

AUCTIONEERS' NOTE: Sale will begin with small household items and shop tools; Furniture at 12 noon; Real Estate at 1 p.m.; followed by equipment, car and boat.

CASH & CERTIFIED CHECKS ONLY; Personal checks if established account with auctioneers.

Reason for selling... relocating,
MRS. CLARA E. CUTMAN
OWNER
EARL R. ETZWEILER, ATTORNEY

EDWIN SHOOP, AU000A42-L
DAVE DEIBLER, AU001213-L
AUCTIONEERS
R.D. 2, BOX 222
HALIFAX, PA 17032 717-896-8305

PUBLIC SALE

VALUABLE REAL ESTATE
GAS LIGHT TAVERN
& ADJACENT CHESAPEAKE DOUBLE-WIDE MOBILE HOME
THURSDAY EVENING, JUNE 23, 1988
At 7:00 P.M.

An improved lot with business establishment and double-wide mobile home located in East Berlin, Pa. At #319 Harrisburg Street (Route #194 North from square) in Adams County.

7:00 PM - REAL ESTATE - 7:00 PM

The GASLIGHT TAVERN lying and being at the aforementioned location, situated on a lot having 0.8632 acres and road frontage of 213 ft. & depth of approximately 240 ft. to the rear and an improved public alley. Erected thereon is a 1-story cement block structure with an attached storage room. Exterior is white stucco covered, insulated shingle room and a half cemented basement. Interior is panelled with tile ceiling. Business features a Bar, Dining Room, Rest Rooms & City utilities. All furniture, Equipment, Beer & Liquor License are inclusive in sale.

An adjacent lot containing 0.5325 Acres improved with Chesapeake double-wide mobile home (38'x24') is also included in sale. This lot fronts 100 ft. on same street with a depth of approx. 234 ft. to improved Public Alley with outlets to main street from both structures. This home includes a kitchen, Dining room, Living room and family room, 2 Bedrooms, 2 Full baths, Utility room with new electric stove and utilities.

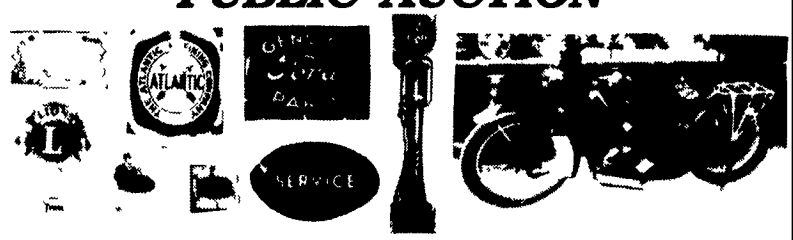
NOTE: BOTH LOTS & INCLUSIVE STRUCTURES WILL BE OFFERED IN COMBINATION.

INSPECTION BY APPOINTMENT: Contact attorney at 717-259-9592 or 259-0212.

TERMS: 15% WHEN STRICKEN DOWN WITH BALANCE IN 90 DAYS WITH POSSESSION. Other terms announced time of sale.

HARRY E. SCHILDT
DAUPHIN DEPOSIT BANK & TRUST CO.
Power-of-Attorney
CLAIR R. SLAYBAUGH, Auctioneer
Phone: 717-677-7479
SHARON E. MYERS, Attorney

PUBLIC AUCTION



*** 1925 HARLEY DAVIDSON 61 CU IN J.E. TWIN CYLINDER CYCLE * 48 BRITISH ROYAL ENFIELD * 68 DODGE 30,000 MI (ALL ORIGINAL) * ANTIQUE AUTO PARTS * ATLANTIC VISIBLE GAS PUMP * STEAM ENGINES * EARLY GAS ENGINES * TIME CLOCKS * BRASS CASH REGISTERS * PORCELAIN SIGNS * EARLY NEON CLOCKS * MACHINE SHOP EQUIPMENT * WOOD WORKING EQUIPMENT * PRECISION TOOLS**

SAT., JUNE 25 9:00 AM

FOR: GEORGE & DONALD DRIESBACH,
ANDERSON & ROESCH ST., ORELAND, PA. MONTG. CO. 2 MI. FROM PA TURNPIKE EXIT 26, FT. WASHINGTON.

PLUS: HUNDREDS OF MODEL A & T PARTS, 29 MODEL A PICKUP W/REBUILT ENGINE (Disassembled) GARAGE EQUIP., LAWN EQUIP., SAFES, STREET LAMPS, BOOKS & LITERATURE, STOVES, CARBIDE LITES, A 40 YEAR COLLECTION!!!!

**** NO RESERVES * NO BUYER FEES ****
**** JOIN US FOR A DAY YOU WILL REMEMBER!! ****

REQUEST DETAILED BROCHURE

ROD GEYER AUCT. AU 333L * 215-584-9022 EVE.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

Sat JUNE 11 - 10AM Farm Equipment, Tools, Straw, Antiques Located along Talbet Road, Upper Tulpehocken Twp., Berks Co, Pa Traveling on Old Rt 22 in the village of Straus stown turn onto Oak Street, opposite of Naftzinger s Garage, to to stop sign bare right first farm (Approx ½ mile on the North side of Strausstown) Watch for auction signs For Bernetta M Shaak Dennis F Wagner, auct

SAT JUNE 11 - 10AM Inventory Reduction & Con signment Spring Auction Niagara Ford New Holland, Inc 4060 Lake Ave, Rte 78, Lockport, N Y 14094 Fred Goodrich, auct

SAT JUNE 11 - 10AM Furniture & Antiques At Rud nick's Sales, Rt 213, Galena, Md Harry Rudnick & Sons, Inc

SAT JUNE 11 - 10AM Foundry, Surplus School Items & Equip At Berks Vo-Tech West Ctr, ½ mi W off Rt 183 at traffic light, 2½ mi N of Reading Airport, Bern Twp, Berks Co For Berks Vocational-Technical Schools Frey Aucts

SAT JUNE 11 - 11AM Trucks, Construction Equip, Cars Wicomico Co Landfill, Brick Kiln Rd, Salisbury, Md Wicomico Co, Md, Owner Pete Richardson Auction Sales

SAT JUNE 11 - 10AM & SUN JUNE 12 - 1PM Farm Equip, Shop Tools, Comm Lawn Maint Equip, Antique & Contemp Furnishings, Appliances, HH Goods Take Rt 24 towards Rock State Park, turn at Sharon Rd then turn at Chrome Hill Rd Site on right, approx ¼ mi Owners Mr & Mrs David Townsend O'Neills Auction Co

SAT JUNE 11 - 5PM Real Estate, HH, Tools 1800 Quarry Rd, Lebanon, partially in N Lebanon Twp, partially in Swatara Twp, Leb Co, Pa By Glenn Weyand Ebersole & Shoop, Aucts

MON JUNE 13 - 4PM Machine Shop Equip, Lawn & Garden Equip, Hand Tools Owner George J Tyler C David Redding, Auct.

TUES JUNE 14 - 10AM Holstein Dairy Herd Located Along Charming Forge Road, Off Rt 422 Near Womelsdorf, Heidelberg Township, Berks Co, Pa Terms By- Martin M and Grace H Weaver Horning Farm Agency, Inc

TUES JUNE 14 - 10AM Machinist Equip, Power Tools, Warehouse Supplies, Office Furniture At 306 N Fifth St, Bucks Co, Perkasie, Pa For JMF, Inc Sanford Alderfer Auction Co

TUES JUNE 14 - 1PM Inventory Reduction of Restaurant & Bar Equipment Located along Route 422 at 1350 Cumberland Street, Lebanon, Leb Co, Pa For Ed Pushnik Harry H Bachman, auct

TUES JUNE 14 - 3 30PM Household Goods, Guns & Supplies Located at 1570 Furnace Hills Road, Clay Township, Lanc Co Pa (Directions, Rt 322 W of Ephrata to Clay, Follow Starlite Campground Signs) By Ronald & Sandra Kurtz T Glenn Horst & Son, aucts

TUES JUNE 14 - 5 30PM - Combination auction, Buggies, Carriages, Carts, Quilts, Wall Hangings, etc At Maws, New Holland Sales Stables New Pavilion Located 12 mi East of Lancaster, Pa just off Rt 23 New Holland, Pa By Abe Diffenbach

WED JUNE 15 - 1PM Lockheed PV-2 Aircraft Hazelton Airport, Hazelton Pa Wm F Comley aucts

WED JUNE 15 - 1PM 100's Pcs of Quality Antiques Troxellville Auction Gallery, 25 Miles West of Selinsgrove, Pa off Rt -522 West at Beaver Springs onto Rt -235 North, 4 Miles to Troxelville For Info Ph 717-658-7141 C P Jacobs, Jr Auct

WED JUNE 15 - 6PM Complete Farm Dispersal Pushersiding Rd, Ulysses, W Bingham, Potter Co, Pa Follow arrows in Genesee, Pa at the intersection of NY RT 19 and Pa Rt 449, & at the end of Rt 248A in Genesee, or on Main St (Rt 49) Ulysses Owners Mr & Mrs Duane Bartoo Conducted by Pirrung Auctioneers, Inc

WED JUNE 15 - 7 30PM Complete Dairy Herd Dispersal Aberdeen Sales Co, Inc, Livestock Auction Market, located on Rt #22 in Churchville, Harford County, Maryland Mr & Mrs Wade Dudrow, Owners Aberdeen Sales Co, Inc Livestock Auction Market

THURS JUNE 16 - 9AM 15- Acre Farmette in Ches Co, HH Goods & Antiques Located in Chester Co, Pa, 2 mi W of Cochranville, 9 mi S of Gap From Rt 41 go S on Rt 10, go W on Homeville Rd to King Rd right Owners Talmage L & Gladys V Wheatley Aucts Steve & Steve Jr Petersheim

THURS JUNE 16 - 9AM Antiques, Household goods, Tractor, Tools, Coins Located at 3911 Oregon Pike, Rt 272, West Earl Township, Lanc Co, PA (Directions Located along Rt 272, approx 1 mile south of Brownstown For Albert A. & Kathryn E Hornberger T Glenn Horst & Son, aucts

THURS JUNE 16 - 6PM Real Estate & Personal Property At the east end of Hunkletown, along Rt 322, Earl Twp, Lanc Co, Pa By Harry Wanner Horning Farm Agency, Inc

FRI JUNE 17 - 1 30PM Pigs State Graded Sale Westminster Livestock Auction, Westminster, Md

PUBLIC SALE

EXCEPTIONAL REAL ESTATE
HOUSEHOLD - ANTIQUES
RIDING MOWER - TOOLS - ETC.
VIRGIE M. HELLER ESTATE
SATURDAY, JUNE 18, 1988
At 9:00 A.M.

The undersigned executors, of the above estate, will have public sale of real & personal property, at the site of the real estate, Location: take Route #234 west 6-miles from Biglerville thru Arendtsville, past South Mountain Fairgrounds to Nawakwa Road thence turning north 1 mile to sale or take same route #234 east from Route 30 4 miles to Nawakwa Road in Adams County, Pa.

- Watch For Sale Signs -

12:00 NOON - REAL ESTATE - 12 NOON

Containing 2½ Acres, more or less, lying & being at the aforementioned location fronting 436' on the West & 200' on the East side of Nawakwa Road. Improvements consist of a 1-story brick home with full attic, basement, cemented front porch, closed-in rear porch and pantry, oil fired hot water heat & modern conveniences. Main level contains 3 bedrooms, living room, setting room, kitchen with cupboards and a full bath. Living room & main bedroom are both carpeted. Outbuildings consist of: A large 39x44 ft. functional cemented blacksmith shop with a 2-car garage, woodworking area, furnace and coal hearth; A large 4-bay machine shed, 28x34 ft.; A combination garage & butcher shop w/kettle furnace; A tractor shed; Comb. Livestock & Pig pen; Smokehouse and 3 very nice utility buildings. Most outbuildings with cement floors, insulbrick siding and tin roofs with all buildings being in A-1 shape.

NOTE: Adjectives cannot describe the condition & potential of this home with it's nice truck patch, landscaping & native flint wall around the home & driveway. Home has a recently installed furnace and water pump with no repairs necessary for many years. INSPECTION OF REAL ESTATE BY APPOINTMENT ONLY-PHONE-717-677-7243.

TERMS- Real Estate - 10% when stricken down with balance in 30 days with full possession.

ANTIQUES

Nice Larken Oak writing desk with carvings; 2 Nice brass beds, 1 w/6 finneals; Francis Bacon Player Piano and 60 rolls, Kalamazoo Green & grey cookstove with warming closet; 8-day walnut mantle clock; 6 Spindle back oak chairs; 6 Press back dining room chairs; Many rockers including: Parlor, Plank seats, split seats, press back, camel back, oak cane seats, etc.; Veneer table; Dressers including: fancy oak, maple, cottage, etc.; Nice camel back trunk; 2 Rayo lamps; Alladin oil lamp base; Organ stool; Flax yarn wheel; Wood washing machine "The Queen 1895"; Fruit dryers; LC Smith & Bro. typewriter; Brunswick sewing machine and base; 2 Benches, 1 a school type Shoe laste & stand; Several stands including: clawfoot, 3 Leg, candle, etc.; Cherry seeder; Picture frames; Baskets, 6 Nice crocks, 1 thru 5 gallons, Carnival, dep, pressed & pattern glass; Comb case; Spring seat for wagon, Wagon; Cast iron cookpot, Old barn boards; Griddle; Cast fry pans; Jars; Bottles; Books

GLENN R. HELLER &
PAUL E. HELLER,
Executors

CLAIR R SLAYBAUGH, Auctioneer
Phone: 717-677-7479 PA Lic 856L

PUBLIC SALE

Real Estate
15 Acre Farmette
in Chester County

Petersheim Auctioneers

Thursday, June 16, 1988
Household Goods & Antiques
9:00 A.M.

Located in Chester County, PA, 2 miles West of Cochranville, 9 miles South of Gap. From Route 41 go South on Route 10, go West on Homeville Road to King Road Right.

Real Estate Sells at 1:00 P.M.

15 plus acres in West Fallowfield Township with spring and stream; improvements consist of 2 bedroom ranch type house; living room; kitchen & dining area; laundry & powder room; full bath; full basement; 1 car garage & work shop in part of basement; 2 story barn with stables.

For inspection of property call for appointment (215) 593-6488 or (215) 593-2828.

Terms on Real Estate - 10% down sale day - final settlement 45 days or immediate possession upon settlement.

Auctioneer's Note: This is an opportunity to purchase a farmette in a great location, nice place.

Old Book Collection - Bee Equip.
Household Goods - Antiques

Mostly everything antiques and collectables Oak chest of drawers; wind up Victrola, works; 3 drop leaf tables, cherry; oak book case, glass doors; cherry desk; cherry wall table; 1 Dewey tumbler; corner cupboard; oak rocker, 1800's; cherry chest of drawers; cook range with pipe shelf; treadle sewing machine; **ladies side saddle;** hardware scales; old record albums; nursing rocker; 3 old trunks, 1 camel back; sausage mill, 1859; iron kettles; earthen ware pitchers; lots of crocks, blue numbers; wine crocks; old bottles; 2 large matching vases; agate pots; agate bowls; wine set; baskets; dove tail coffee grinder; 3 butter churns, 1 wooden; agate pans; tin boxes; dinner bell; 2 metal tea kettles; pair of oxen shoes; kerosene lantern; leather pistol holster; bamboo sachel; horse hames, brass tops; wicker picnic basket; lard press; earthen bowls; meat cleaver; old door latches & pulls; Boss husking peg & gloves; lard stirrer; set of matching full spindle chairs; Pigeon hole desk; fire side chair; plank bottom chairs; porch swing; 2 cow bells; glass spoon holders; 2 German china plates; Frigidaire dryer; Coldspot upright freezer, like new; Sears sewing machine in cabinet; jelly cupboard; shaving case; 2 glass candy alarm jars; soap dish; old hat pins; shoe buttoner; crumb tray; silver tea pot; piano bench; lot of old books; high chair.

Barn & Shop Tools - Antiques

Hand tools; 2 tool boxes; Craftsman riding mower; power lawn mower; Black & Decker Skil saw; battery charger, like new; full line of garden tools; full line of honey bee equipment and honey extractor; draw knife; metal cabinet; **13' Shasta Travel Trailer;** 1200 lb. platform scales; pea scales; wooden pulleys; chicken coop; single axle trailer; all wood 1 hole corn sheller; bag wagon; 2 bicycles; flatbed wagon.

Farmall A Tractor w/cultivators & 5' bar mower, plow, tractor in good running condition, good rubber.

Owners:
TALMAGE L. &
GLADYS V. WHEATLEY
Attorney: Wentz, Weaver, Kling
Auctioneer:
Steve
Steve Jr. Petersheim
215-593-2828
Lic. #AU-001349-L
Food On Premises

Auctioneer's Note: You won't want to miss this one. Lots of items in barn and attic not listed on ad.

REAL ESTATE AUCTION

MONDAY EVE., JUNE 27, 1988
6:00 P.M.

VILLAGE OF SCHUBERT, BERKS CO., PA.

Off Exit #6 of I-78, Go North on Rt. 419 to Seven Stars Hotel, Turn Right and Go About 4/10 Mile to Property on Left.

*** REAL ESTATE ***

2½ " Story Frame House with Barn, Mature Trees, on Level 1.4 Acres of Land. Property has Drilled Well, Septic Tank, New Oil Hot Air Furnace. First Floor has Lg. Kitchen, Living Rm., Plus Utility Rm. and Full Bath. Second Floor has 3 Bedrooms, Plus Storage Rm.

TERMS: 10% Down, Bal. in 45 Days or Less. For Appointment Call Auctioneer or Owner.

Auction For
RICHARD & SYLVIA NOECKER
(717) 933-8536

Auctioneer
DWIGHT D. MILLER
AU 002414 L
(717) 933-5736

PUBLIC AUCTION

1.15 ACRES OF REAL ESTATE
AND MASONRY EQUIPMENT
TUESDAY, JUNE 21, 1988
4:00 P.M.

LOCATED: Water Street, Yoe, PA.

REAL ESTATE 5:30 P.M.

Located on Water Street, Yoe, PA — Consists of 2 Parcels of Land Containing Approximately 1.15 Acres w/ a Block Building 30x42 w/ Overhead Door and Walk-Thru Door. Previously Used for Storage of Equipment.

FOR INSPECTION OF REAL ESTATE, PHONE 244-3648

TERMS: 10% DOWN, BALANCE IN 30 DAYS

MASONRY EQUIPMENT 4:00 P.M.

Warner and Swasey Fork Lift Model 1200 L.D. w/ Ford Diesel Motor, 1144 Hours, 21 Ft. 3 Stage Mass.

Allis Chalmers I60 Fork Lift - Gas Motor, Shuttle Shift, 21 Ft. Mass.

New Stone, Mortar Mixer Model 850 w/ 8 HP B&S Motor, New 2 HP Portable Air Compressor, Approximately 100 Sections of Universal Scaffolding — 4½ x5 Ft. and 3 Ft. x 5 Ft., 100 Pieces of Scaffolding Plank, 25 Pieces of New Scaffolding Plank, 3 Used Mortar Mixers, New and Used Wheelbarrows, Mortar Pans, B&D Shop Vacuum, Side Brackets for Scaffolding, Split Block Cutter, Brick Cutter, Power Block Saw, Lincoln 225 Amp Welder, Shovels — Ground and Flat Bottom, Rope, 2 Transits, Skill Saw, Hammer Drill, Electric Hammer, New B&S Gas Motor, Cellar Jacks, Wall Ties, 3500 Watt Generator — Homelite, Motor Oil, Antifreeze, Tarps, Brick and Block, Angle Iron of Various Sizes, Picks, 40 Ft. Extension Ladder, Electric Cords, Water Hose, Water Barrels, Battery Charger and Etc.

TERMS: CASH OR GOOD CHECK

SALE FOR:
DONALD LOVE
244-3648

AUCTIONEERS
Blaine & Nevin Rentzel
Emigsville, PA
Phone 764-6412
PA Lic #761 - #2483

Public Auction Register

"COOK'S WOODCRAFTS"
PUBLIC SALE
OF ANTIQUES, HOUSEHOLD GOODS, SHOP EQUIP. & TOOLS
REAMSTOWN AREA

MONDAY, JUNE 20, 1988
At 4 P.M. & Tools & Guns: 6 P.M.

Located along Peiffer Hill Road, East Cocalico Township, Lancaster Co., PA. (Directions: Rt. 272 to Reamstown light turn E. onto Church — Turn left onto Main St. — Turn right onto Kramer's Mill Road to Peiffer Hill Road).

Living Room Suite; Oak Ice Box; Victor Talk Machine; Antique Bench Table; Drop Leaf Tables; Pressed Back & Other Oak Chairs; Slate Top Pool Table; Bar Stools; Chest of Drawers; Half Spindle Chairs; Cradle; Empire Bureaus; Rockers; Yarn Winder; Walnut Grandmother's Clock; Oak Commode; Oak Office Desk.

Oak Mail Sorting Table; Cobbler's Bench; Marble-Top Table; Ladder-Back Chairs; Chest; Stereo; File Cabinets; Upright Freezer; 65,000 B.T.U. & 8,000 B.T.U. Dutch West Coal & Wood Stove; Floor Radio; Potbellied Stove; Dinner Bell; Pictures & Frames; Bug Buster; Ice Cream Freezer.

Punched Tin Lamp; Kerosene Lamps; Lantern; Answering Machine; Balance Scales; Camping Equip.; Sleds.

CHINA & GLASSWARE
Avon & Collector Plates; Condiment Set; Stemware; Fire Co. Items; Old Bottles.

LINENS: Blankets; Comforts; Bedding; Tin Boxes.

TOOLS: 12" Jointer w/7' Bed; 10" Radial Arm Saw; 18" Jigsaw; 48" Disc & Belt Sander; 14" Band Saw; 230 Amp Electric Welder; High Pressure Washer; Dust Collector; Exhaust Fan; 5 H.P. Air Compressor; Spray Guns; Sander; Bar, C & Pinch Clamps; Router; Dovetailing Jig; Blow Heater; 8 H.P. Snow Blower; Hand Tools; Mechanic Tool Kit; Handsaws; Draw Knives; Spoke Shaves; Ext. Ladder; Drills & Bits.

Homelite Chain Saw; Tree Saws, Axes; Wedges; Leaf Vacuum; Weed Eater; Wooden Pulleys; Water Pump, Garden Sprayer, Garden Cart; Wooden Wheels; Antique Tools; Single Trees; Adze; Auger, Firewood; Creosote; 800 Gal Stainless Steel Dipping Tank w/1 Burner.

GUNS: 12 Ga. Winchester Model 370 Shotgun; .410 - H & R Model Shotgun; 12 Ga. Double-Barrel Hammer Shotgun; .22 Winchester Model 67 Rifle; 2 - B.B. Guns; .36 Cal. 1851 Cap & Ball Pistol; Compound Bow; Recurve Bows; Antique Long Bow; Walnut Gun Cabinet.

POPLAR LUMBER - 1x12 - Various Lengths; WALNUT LUMBER - 1"x22"x8' Various Widths & Lengths; Oak; Cedar Lumber; Barn Siding; Garage Door; Shop Lights; many other items to be sold!

Terms By
KENNETH COOK
SUSAN COOK

Auctioneers
T. Glenn Horst & Son, Inc.
AU438L - 859-1331 - 738-1245

FRI JUNE 17 - 5 30PM Gap Auction- HH, Antiques, Tools Located near the Town Clock opposite the Minit Market in Gap, PA Ira & Dale Stoltzfus & Luke Whitman, Aucts

FRI JUNE 17 - 5PM & SAT JUNE 18 - 8 30AM Antiques & Personal Property, Dishes, Glass, Collectibles, Etc At Srpingetts Fire Co Social Hall 3013 East Market Street, York, Pa For Catherine I Budding Estate Jacob A & Brian L Gilbert, aucts

FRI JUNE 17 - 7PM 100 Head Quality Breeding Stock Wayne County Fairgrounds, Wooster, Ohio Dave Acker, auct

SAT JUNE 18 - 8AM Val Machinist-Blacksmith--Carpenter Power & Hand Tools, Steam & Car Parts, HH, Antiques, Etc Corner of Valley & Washington Sts, Mechanicsburg, PA, one block N Williams Grove Rd or 1 block W York St Percy F Beck, Owner George Haar, Auct

SAT JUNE 18 - 9AM Exceptional Real Estate, HH Antiques, Riding Mower, Tools Take Rt 234 W 6 mi from Biglerville thru Arendtsville, past South Mountain Fairgrounds to Nawakwa Rd then turn N 1 mi to sale or take same Rt 234 E from Rt 30 4 mi to Nawakwa Rd in Adams Co, Pa Virgie M Heller Estate Clair R Slaybaugh, Auct

SAT JUNE 18 - 9AM Farm Equip, Horse Drawn & Mod Motor Vehicles, HH, Industrial Equip, Hay- Anything on Consignment Along Rt 522, 2 mi W of Selinsgrove off Rt H15 bypass at Selinsgrove, Snyder Co, Pa Wolgemuth Auction Service

SAT JUNE 18 - Small farm located in West Hanover Twp, northeast of Harrisburg, Pa McNeal's aucts

SAT JUNE 18 - 9AM Merchandise In All Categories 650 New St, Spring City, Pa Just off Rt 724 Ken Reed, Auct

SAT JUNE 18 - 9AM Val Antique Furniture, Glassware, Lumber At 105 Whisler Rd, Goldsboro, Pa On I 83 N or S use Exit 13, go E on Rt 382 (York Haven Rd) for approx 1 mi, turn left at Beshore Mobil gas station onto Whisler Rd go approx 1½ mi to sale Mrs Minerva Shelley Little Ike Eichelberger Pro Auct

SAT JUNE 18 - 9AM Plumbing, Elect, Heating Business, HH, 2 Trucks For Ammon Z Bashore, Bethel, PA Berks Co Dwight D Miller, Auct

SAT JUNE 18 - 9AM Elizabethtown area, Pa Grange Benefit Sale Elizabethtown Fair Grounds, next to high school Items will be sold on commission or donations Antiques, Household, Farm Related Items Truck load of tools & new merchandise Kenneth Meyer and J Everett Kreider, aucts

SAT JUNE 18 - 9AM HH, Garden Tools, Etc 31 Valley Rd, Jacobus, Pa At the S end of Jacobus, turn west at the bank onto Valley Rd Estate of Mary Howdyshell Aucts Blaine & Nevin Rentzel

SAT JUNE 18 9AM Farmall H Tractor, Ouachita, 20' Alum Air Boat, Sears Roebuck SS/16 Twin Garden Tractor, Dayton Hyadrulic System, Blade & Roto-Tiller, Tools & Related Items, Antiques & Collectibles, Household Items 2 miles northwest of Elizabethville Pa on Route 209 turn at Wilhour Road, then to Mattis Road Watch for sale signs For Linn & Eloise Harman Dockey, Docken & Deppen, aucts

SAT JUNE 18 - 9 30AM Real Estate HH, Car, Boat, Lawn & Garden Equip, Shop Equip, Farm Machinery In Powells Valley, RD 2, Halifax, Dauphin Co approx 8 mi E of Halifax, off Rt 225 & 147 on Carsonville Rd Approx 20 mi NE of Harrisburg on Rt 225 N Mrs Clara E Cutman Owner Edwin Shoop, Dave Deibler, Aucts

SAT JUNE 18 - 9 30AM Variety Valuable Excavating & Golf Course Equipment Located app 12 miles North of Reading Rt 183 One half mile South of Bernville, Berks Co, PA along road to Robisonia at the Blue Marsh Ski area By order of Heidelberg Investment Assoc E M Murry Assoc, aucts

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PUBLIC AUCTION
SATURDAY, JUNE 18, 1988
9:00 A.M.

HOUSEHOLD GOODS, GARDEN TOOLS, ETC.
LOCATED: 31 Valley Road, Jacobus, PA. At the South End of Jacobus, Turn West at the Bank onto Valley Road. Watch for Signs.

CAST FARMALL 400 PEDDLE TRACTOR
CAST CASE PEDDLE TRACTOR

Living Room Furniture, Mahogany Bedroom Suite (Bed, Chest of Drawers, Vanity, Dresser, Night Stand), Coffee Table, Smoking Stand, Breakfast Set w/6 Chairs, 2 Chests of Drawers, Night Stand, Wooden Rocker, Child's Rocker, Marble Top Stand, Soft Wood Stand, 4 Plank Bottom Chairs, Wooden Breakfast Set, Oak Stand, Stereo, Step Stool, Bookshelf, Bench, Flower Stand, Kitchen Cabinet, Utility Cabinets, Electric Sewing Machine, Sewing Cabinet, Tappan Natural Gas Stove, G.E. Refrigerator (Like New), 2 Chest Freezers, Maytag Auto Washer, Kenmore Dryer, Reed Doll Carriage, Table and Floor Lamps, 2 Bear Bank Lamps, Fan, Deep Fryers, Sunbeam Mixer, Oaster Blender, Toaster, Crock Pot, Radio, Log Clock, Homer Laughman Set of Dishes - Rose Pattern, Creamer and Sugar, Water Glasses, Pots and Pans, Mixing Bowls, Glassware (Not Unpacked for 35 Years), Flat Iron, Decorated Cast Iron Kettle, Decorated Tin Buckets, Home Interiors Decorations (Frogs, Mushrooms), Train Platform Figures, Christmas Decorations, Doilies, Tablecloths, T-Towels, Bedding, Decorated Jugs, 2 Flowered Vases, 100 Sets of Salt and Pepper Shakers, Apple Bottle, Baskets, Lantern, Brass Bucket, Coal Bucket, Canner, Milk Glass Chicken on Nest, Coffee Grinder, Meat Saw, Slaw Cutter, Chair Covers, Lawn Chairs, Metal Toy Trucks, Pull Toy, Tools, 24 Ft. Wooden Extension Ladder, Step Ladder, Croquet Set, Car Tires, Craftsman Electric Chain Saw, Tree Trimmer, Iron Kettle and Rig, Hog Troughs, Planter Jr. Garden Tractor, Hahn Riding Mower, White Rototiller, Rotary Mowers, Push Plows, Snow Thrower, TV Tower and Antenna, Etc.

TERMS: CASH OR GOOD CHECK

ESTATE OF:
MARY HOWDYSHELL
EXECUTOR: Barry Howdyshell
ATTORNEY: Nevin Trout

AUCTIONEERS:
Blaine & Nevin Rentzel
Emigsville, PA
#761 - #2483
(717) 764-6412

ABSOLUTE AUCTION
COMMONWEALTH OF PENNSYLVANIA
LOADERS, GRADERS, BACKHOES, EQUIPMENT
SATURDAY, JUNE 18, 1988
AT 11:00 A.M.

Located at maintenance 12-2 building along Rt. 188 near Waynesburg, PA. From I-79 South to Exit 3, take Route 21 West to Route 188 East to Auction Site.

EQUIPMENT
3 Ford Model A-62 Front End Loaders, Ford Models A-56 & 13B Front End Loaders, Galion 188-B Grader, Huber D-1300 Grader, Austin Western Pacer 200 Grader, 2 Galion 503 Side Dozers, Athey Model 711 Belt Loader, 2 Huber Warco Side Dozers, Gradall Model 660 Excavator, Little Giant Model 34TX Excavator, Layton Paver, Michigan Front End Loader, Ford Model 3550 Backhoe/Loader, John Deere 310B Backhoe/Loader, Hyster FJF050 Forklift, Huber Roller, Arrow G400 Hammer, Elgin Sweeper, Mobile Sweeper, Schramm 125 Air Compressor, 2 Wink-o-matic Flashing Arrow Lights on Trailers, Etayre Self Propelled Stone Chipper, Snow Plows, Other Items!

TERMS: complete payment in full day of Auction. PA sales tax applies to all purchases. A buyers premium of 6% will be added to all purchases. ALL CHECKS must be accompanied by bank letter of guarantee of payment. NO EXCEPTIONS! For additional info contact Auction Co.

INSECPTION: June 16 & 17, 8:00 A.M. - 2:00 P.M. REMOVAL: June 20-24, 1988 8:00 A.M. - 2:00 P.M. Day of Auction till 6:00 P.M.

AUCTION FOR
COMMONWEALTH OF PA
DEPT. OF TRANSPORTATION
GENERAL SERVICES ADMIN.

AU-1367

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

PUBLIC AUCTION
TUESDAY, JUNE 14, 1988
1:00 P.M.

INVENTORY REDUCTION OF RESTAURANT & BAR EQUIPMENT
LOCATION: Along route 422 at 1350 Cumberland Street, Lebanon, Lebanon County, Pa.

Complete buffet & smorgasboard set up; 6 burner - 1 oven cook stove; Prince Castle electric bun toaster; Bunn coffee makers; 2 glass door beer cabinets; 42" Garland gas grill; 5 pan elec. hot table w/sneeze cover; dish table; floor model french fryer; glass door milk cooler w/compressor; Hotpoint bun warmer; SS double deck pizza oven; steamship round table; Hobart grinder; under counter ice bins; multi mix milkshake machine; cheese shredder; juice dispenser; soup warmer; elec. grills; Radar oven; gas grills; under counter dish washer; (5) 4-slice toasters; (2) Hobart 10 qt. mixers w/attachments; Hotpoint french fryer; Wells french fryers; Globe slicer; 3 bosh SS sink; Hobart slicer; 2 bosh SS sink; Hobart potato peeler; 2 - 24" SS sandwich unit w/compressor; cash registers; bar stools chairs; filing cabinets; office desks; scales; elec. broiler; copy machine; glass washer; waffle maker; ice cream cabinets; SS tables; SS bar racks and other equipment.

All sizes of SS pans; 600 doz. pcs. new silverware; knives; cook pots; sauce pans; sizzling steak platters; plastic trays; 300 doz. wooden handle steak knives; salad bowls; glassware; time clocks; lots of dishes; adding machine; sugar & syrup dispensers; cookie sheets and many other unlisted items.

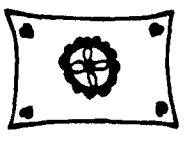
Special Mention: antique Bright Home cook stove; self player piano w/coin slot; peanut machine and 5 pc. ice cream table & chair set.

HARRY H. BACHMAN - Auctioneer
AU-000033-L (717) 867-1809
Terms: CASH - checks by approval
Food available
INSPECTION: day of auction
AUCTION FOR
ED PUSHNIK
(717) 272-9023

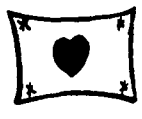
COMBINATION AUCTION
AT
"MAWS"
NEW HOLLAND SALES STABLES NEW PAVILION
Located 12 Miles East of Lancaster, Pa. just of Rt. 23, New Holland, Pa.

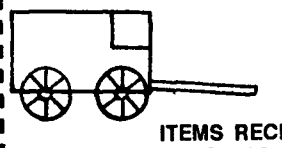
Tuesday, June 14th
5:30 P.M.

Plain Folks
Mennonite - Amish
Buggies
Carriages
Spring Wagons
Carts



Quilts- Old & New
Wall Hangings





ALL QUILTS MUST BE SOLD
Register to Catalog Size, Color, Name

ITEMS RECEIVED MONDAY AND TUESDAY,
YOU CAN BUY -- YOU CAN SELL!
New customers need cash, current bank letter or certified check to buy.
For More Information Call Abe Diffenbach (225-L)
at 717-354-4341
101 West Fulton Street, P.O. Box 96, New Holland, PA 17557

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT JUNE 18 - 9AM Tractors, Machinery, Lawn & Garden, Tools, Antiques, H H Owners Fred & Anna Rummel C. David Redding, Auct

SAT JUNE 18 - 9 30AM Chev Panel Truck, Orchard Equip , Dry Sink, Antiques & Tools Located along Forgedale Rd , 2½ mi NW of Barto off Old Rt 100, 1 mi S of Bally, off Rt 100 or 1¾ mi SE of Landis Store District Twp , Berks Co Watch for signs Sold for Catherine C Kemp Frey Auctioneers

SAT JUNE 18 - 9 30AM Real Estate, Trucks, Farm Equipment, Tools and Garden, Household East of Hbg , Pa , take N I-81 to exit 26 (Linglestown), go to square turn right, go approx 2 miles, turn left on Piketown Rd , stay on Pike town Rd to Mt Lural Church, turn right, second road on right, Applybe rd , stay on Applybe Rd to auc tion, look for signs Estate of Donald Shafer Richard and Rick McNeal aucts

SAT JUNE 18 - 9 30AM Major Shop Tool, Equip & Gun Auction Cohocton (Steuben Co) NY At the house/shop loc along Rt 371, 1 mi N of Cohocton The Lawrence Folts Estate Pirrung Auctioneers, Inc

SAT JUNE 18 - 9 30AM Antique Tools Ridge Fire Co , Rt 23, Spring City, Pa Barry Hurchalla- Auct

SAT JUNE 18 - 11AM 168 Ac Woodland in 6 Lots One mi N of Hallam Exit of Rt 30 Bypass Held in Hallam Fire Hall Former Hellam Water Co property Toomey Auction Co

SAT JUNE 18 - 11AM Loaders, Graders, Backhoes, Equip Located at maintenace 12-2 building along Rt 188 near Waynesburg, PA From I-79 S to Exit 3, take Rt 21 W to Rt 188 E to Auction site For Commonwealth of PA Dept of Transportation Kerry Pae Aucts

SAT JUNE 18 - 1PM Land Auction 19 Camp Lots Tioga Co , Pa Carpenter Run - Borders State Lands 5 mi S E of Blossburg on Rt 58056 Kenneth A Geyer Auction Co

MON JUNE 20 - 4PM Antiques, HH, Shop Equip , Tools Located along Peiffer Hill Rd , E Cocalico Twp , Lanc Co , Pa Rt 272 to Reamstown light turn E onto Church, turn left onto Main St , turn right onto Kramer's Mill Rd to Peiffer Hill Rd By Kenneth & Susan Cook Aucts T Glenn Horst & Sons Inc

TUES JUNE 21 - 11AM Modern Iron Works, Inc Metal Fabricator 23 Industrial Drive, Trenton, NJ Henry S Nemrod Associates

TUES JUNE 21 - 4PM 1 15 Ac Real Estate, Masonry Equip On Water St , Yoe, Pa For Donald Love Aucts Blaine & Nevin Rentzel

TUES JUNE 21 - 6PM Garage Equip , Tools, Truck Tools, Vans, Tires Loc along Rt 625 in Bowmansville Known as Bowmansville Garage, Brecknock Twp , Lanc Co By Ernest Zeiset, Bowmansville Garage Conducted by Randal Kline, Lloyd Kreider, Roy Good Jr

WED JUNE 22 - 1PM Troxelville, Pa Located 25 miles west of Selinsgrove, Pa off Rt -522 West at Beaver Springs onto Rt -235 North, 4 miles to Troxelville For info ph 717-658-7141 Selling a prominate family estate of Richfield, Pa C P Jacobs, Jr & Roy L Martin, Aucts

THURS JUNE 23 - 7PM Valuable Real Estate, Gas Light Tavern & Adjacent Chesapeake Double-Wide Mobile Home An Improved Lot with business establishment and double-wide mobile home located in East Berlin, Pa at #319 Harrisburg Street (Route #194 North from Square) in Adams County Harry E Schildt, Dauphin Deposit Bank & Trust Co , Power of-Attorney Clair R Slaybaugh, Auctioneer

PUBLIC AUCTION

20 ACRE FARM PLUS LAND PARCELS
FARM EQUIP.; 25 ANTIQUE GAS ENGINES
RAUCH & HANDWERK WAGON;
COPPER KETTLES; BELLS

SATURDAY, JUNE 25, 1988
at 9:00 A.M.

(Approx. 6 miles N. of Fogelsville), turn off Rt. 100 onto road toward Kempton, travel approx. 2.5 miles to Werley's Corner, turn N. onto Sweitzer Rd. for .5 mile then left onto 5 Point Rd. to 2nd farm, Weisenberg Twp., Lehigh Co., Pa.

REAL ESTATE

20 Acres of land w/stream whereon is erected a two & one-half story frame w/alum. siding dwelling. 1st flr. has lg. eat-in kit., DR, LR, laundry rm. & powder rm. 2nd flr. has 4 BR's & bath. Has oil h/w heat w/summer winter hookup, nice barn, new pole bldg. & other out bldgs.

21 ACRE LAND PARCEL

To be sold separately, located just N. of Werley's Corner, off Sweitzer Rd. along Ross Rd., has a terrific view.

10.710 ACRES OF WOODLAND

Fronting on Sacks Trail at foot of Blue Mountains, just North of the Village of Lynnport in Lynn Township.

R.E. offered at 12:30 P.M. For inspection of R.E. call 395-8084 for appt. **Terms on Real Estate** — 10% Day of Auction, Bal. on or before Aug. 25, 1988.

FARM EQUIPMENT

JD A tractor; Oliver H g crawler w/culti & Avery c planter; Oliver offset disc; 2 JD #5 grass mowers; small NI tractor manure spreader; Cobey four wheel cump trailer; two wheel rubber tire trailer; Ontario 14 disc grain drill; Oliver one r potato digger on rubber; 2 bag loaders; hay ladders; cement mixer w/motor; wdn. wheelbarrow (nice); ci water trough; ci kettle; circular saw; lot of ready cut firewood; 2 table saws; 32'-36'-40' ext. ladders; RAUCH & HANDWERK TWO HORSE FARM WAGON (SIGNED CLAUDE WEISS).

ANTIQUES GAS ENGINES

3 - NH 2-4 & 5 hp; Famous Int. screen cooled 6 hp; Famous Int. Hopper cooled 2¾ hp; Messinger 6 hp; 2 - Water Loo Boy 2 & 2¾ hp; JD 1¾ hp; 2 - Chore Boy 1 ¾ hp one is air cooled; Flying Dutch 1½ hp; Associated air cooled 1½ hp Busy Boy; 2 - Domestic 3 hp and 1½ hp side shaft; Gilson 1½ hp air cooled; Olds 1¾ hp; Gilson 2½ hp upright; Detroit 2½ hp tank cooled; Stover 1½ hp; Economy 1½ hp; Associated 1¾ hp; Hercules 1½ hp; Gilson 4½ hp upright w/Bosch Magneto; York 4 hp by Flinchbaugh; gas engine wheels; lot of engine oilers; engine coils.

RIDING MOWER

Ariens 14 hp hydrostatic drive w/deck & sn blade; walking type garden tractor w/Kohler engine & all attach.

BELLS & ANTIQUES

40 straps of brass sleigh bells; brass saddle bells; brass shaft bells; hand butcher bells; 6 copper apple butter kettles; 6 buggy lap robes; 1876 patchwork quilt; lg. Enterprize two wheel ci coffee grinder; split Oak potato baskets; 2 school house bells; 7 farm bells; 9 ci implement seats; 3 goose wing axes; Conestoga wagon jack; cooper's tools inc. sun plane; 2 butcher benches; sausage stuffer; saddler's bench; straw cutter; 2 calendar clocks; 8-day school house clock; nice parlor organ w/gallery, mirror & shelves; roller organ; Pastor Helfrich book; Frigidaire auto washer & dryer; 2 Maytag wringer washers; treadle sew machine; plus many more items too numerous to mention.

NOTE: These gas engines run. Bells & kettles have been nicely polished by Mr. Rauscher Don't miss this beautiful collection.

SALE ORDER: Farm items & HH items 1st; Real Estate 12:30; Engines at 1 P.M. followed by bells.

Terms: Cash or acceptable check

For LUDWIG F. & ARLENE G. RAUSCHER

Conducted by
Ralph W. Zettlemoyer Auction Co , Inc
(215) 395-8084 Pa License #AU-001809-L

Refreshments available

P O Box 215 • Fogelsville PA 18051 • (215) 395-8084 • License #AU001809 L

RALPH W. ZETTLEMOYER AUCTION CO., INC

PUBLIC SALE

VALUABLE ANTIQUE FURNITURE
GLASSWARE - LUMBER
SATURDAY, JUNE 18, 1988
Time: 9:00 A.M. Sharp

Located at 105 Whisler Rd., Goldsboro, Pa. Traveling on I-83 North or South use Exit #13, go east on Rt. 382 (York Haven Rd.) for approx. 1 mile, turn left at Beshore Mobil gas station on to Whisler Rd. go approx. 1½ miles to sale. Signs posted.

ANTIQUE FURNITURE - GLASSWARE - SMALL ANTIQUES

2 nice original ornate 3 pc Oak bedroom suites, both w/high back beds, 1 w/raised panel on bed, 3 pc Oak veneer bedroom suite, Cannonball rope bed, Oak veneer dresser w/mirror, curved drawers and paw feet, Oak dresser w/mirror and curved top drawer, double iron bed w/brass trim, brass coated bed, Empire chest of drawers, dark stain sideboard w/mirror, chest of drawers w/chamfered edges and glove boxes on top, set of 4 plank bottom chairs, 3 reed rockers, plank bottom nursing rocker, spinning wheel rocker, decorated Boston rocker, Oak veneer spindle back rocker, cane bottom rocker, plus other odd chairs, 2 Oak Morris chairs w/paw feet, ornate fainting couch frame, 2 old sofas w/oak trim, square Oak pedestal table w/paw feet, 5 leg drop leaf table, gate leg drop leaf table w/20" leafs, cradle type wooden butter churn, nice original old round wooden tub washing machine, Rival & Singer treadle type sewing machine, small iron kettle, dinner bell made by Nisley Bro & Co , Middletown, Pa , 2 wooden wheelbarrows, flat top trunk, camel back trunk, stained glass lamp shade, banquet lamp base, orange carnival saucer, pink depression candy dishes, water glasses, plates in different patterns, etched creamer & sugar, market baskets, Ironstone gravy boat, stitched quilt, cherry seeder, K T & K china pitcher, old cast iron building money bank, wooden egg money bank, late 1800 doll baby 18" long w/glass eyes, porcelain hand & feet, early 1900 women & children clothing, rainbow carpet, brown chicken waterer, 10 gal crock, brown & white jug, plus other crocks, pressed glass bowl, plates, bread plate, 2 gold color frames, pencil & glove boxes, P R R lantern, barn lanterns, metal egg baskets, wash board, butter paddle, old bottles, York #3 1911 Penn State fireman's badge, Goldsboro Fire Co #1 badge, lot of old envelopes w/1, 2, & 3 cent stamps, 2 stereoscopes, Johnson Bro china set, pocket knives, Griswold #9 frying pan, dated jars, Foxy grandpa rubber stamps, Jardiniere, 1891 family Bible, 1916 Waller & Seel calendar, 1945 Wertz Gro Yocumtown calendar, 1962 Conley's General Store calendar, old McCalls & Home Journal magazines, corn huskers, iron pot, old New Port Pa picture book, Moonie Wertzs Shoe Service postcard, York Haven greeting postcards, plus other greeting postcards, local newspaper of 1936 flood, Mary Poppins book, wooden keg, sheet music, Channel C B , odd tools, 3 wheel ladies' bicycle, platform scales, bag wagon, hog trough, wooden pulleys, grain & feed bags, cream separator, nice old buck wagon bed, 4 6x8x20 ft wooden beams never used, plus other barn beams, 3 oak boards 1½ "x11"x20 ft , locust posts, old barn siding, tongue & groove boards, scrap pile, plus hundreds of items too numerous to mention

Auctioneer's Note: If you are looking for nice original antique furniture plan to attend this sale Mrs Shelley has lived almost all her 99 yrs in Goldsboro, Pa

Order of Sale: Dishes, small items, postcards, paper items and lumber Furniture to follow

Terms of Sale: Cash or good checks No out of state checks

MRS. MINERVA SHELLEY
Melvin M. Downs P.O.A.

Little IKE Eichelberger Professional Auctioneer
Pa Lic #AU-001954-L
Phone Lewisberry 717-938-6322
Now booking summer & fall sales
Brothers clerk

Refreshment rights reserved.
Not responsible for accidents

PUBLIC SALE

OF NEW & USED LUMBER, PAINT, PAINTING EQUIPMENT & BUILDING MATERIAL
SATURDAY, JUNE 25, 1988
9:30 a.m.

Located 2½ miles South of Intercourse, 2½ miles North of Gap, along Newport Road (Route 772) across from Pequea Valley High School at Fisher's Paint Store.

- Building Material -

New and used wooden and metal doors of various sizes (some pre-hung); sheets of paneling; shutters; new lumber 2"x4", 6", 8" various lengths; various types of new and used windows (some are insulated); used barn timbers 7"x8"x40' and other sizes; barn siding; tongue & groove siding in various widths and lengths; new vinyl siding; 4"x8"x1" sheets of styrofoam insulation; ceiling tile; used tin roofing; Peach Bottom roofing slate; asphalt shingle roofing; asbestos shingle roofing; boxes of various sizes of glass; new stair steps; Jamesway window frames and water bowls.

- Paints -

Brand names - Pittsburg; Finnaren & Haley; Olympic; Rust-Oleum; exterior oil base house paint; Latex paint; interior paint; Apoxy paint; roof coating; approximately 500 gallons red and white barn paint; 1000 - 1500 gallons of various colors of paints; pool paint and paint accessories.

- Paint Equipment & Supplies -

Quincy 175 air compressor; galvanized tubs; approximately 4'x5' commercial steel shelving in sections; steel scaffolding in sections; stages; manual line painter; asphalt roofing equipment; new and used aluminum extension ladders; new wooden and aluminum step ladders in various sizes; many miscellaneous paint tools; Echo chain saw; Lightning paint mixer.

- Household Goods & Antiques -

Bucket a Day stove; kerosene space heaters; 2 door UniCo refrigerator; milk cans; hay hook; wooden barrels; kitchen table; office chairs; kitchen cabinet; new lawn furniture; cradles and other wooden crafts; cast iron water trough; many miscellaneous items; boxes of paper cups, plates, napkins; Coleman lanterns.

NOTE: a yard sale of wooden crafts and handmade items will be held on property next to paint store.

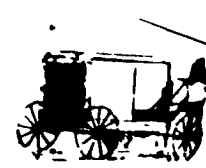
Sale by:
FISHER'S PAINTING

Auctioneer:
Leon D. Kurtz - AU-0005220-L
(215) 593-5387
J. Omar Stoltzfus
(717) 529-6301

Food Available

SPECIAL SALE

At
New Holland Sales Stables, Inc.



FRIDAY, JUNE 24, 1988

Located 12 Miles East Of Lancaster, Pa.
Just Off Rt. 23, New Holland, Pa.

Consisting of
Tractors & Horse-Drawn Farm Equipment-Supplies-Small Items

SALE OF SMALL ITEMS 9:00 A.M.
Sold Off Wagons or Trucks Only.

FARM EQUIPMENT 10:00 A.M.

A list of your sale items must be in our office by Tuesday, June 14 to be included in our complete listing in the June 18 issue.

For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

New Customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks

NEXT SPECIAL SALE, FRIDAY, JULY 22, 1988

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. JUNE 24 - Special Sale New Holland Sales Stables, Inc

FRI JUNE 24 - 5PM Tractors, Antique Gas Engines, Fordson Tractor, Car, Equipment, Two Horse Wagon Approx. 5 miles N of Allentown in Laury's Station turn off Rt 145 onto Church St for 5 mile to Miller's UCC Church parking lot, Lehigh Co , Pa Mrs Viola Peters, Owner Ralph W Zettlemoyer Auction Co Inc

FRI JUNE 24 - 5 30PM Gap Auction- HH, Antiques, Tools Located near the Town Clock opposite the Minit Market in Gap, PA Ira & Dale Stoltzfus & Luke Whitman, Aucts

FRI JUNE 24 - 6PM Valuable Farm and Building Lots Willow Grove - County Road 207, From Camden, take Route 10 to Mud Mill Road, turn right and follow signs to farmon left For Kling's Farm Partnership Chester Lee Carroll, auct

FRI JUNE 24 - 7PM Valuable Real Estate Located in E Drumore Twp next to Tanglewood Golf Course at 31 Center Rd , Quarryville, Pa From Quarryville take Rt 222S (S Church St) 8/10 mi & turn right on Scotland Rd Follow Scotland 3 mi & turn left on Center Rd second home on right Sale by A K Stoltzfus

FRI JUNE 24 7PM & SAT JUNE 25 9AM Benefit Auction for Lititz Area Mennonite School Quilts, Crafts, Collectibles Directions 501 North from Lititz, Right on Newport Rd , approx 2 miles on right Paul Martin & John Stauffer, aucts

SAT JUNE 25 - 9AM Plumbing, Elect , Heating Business, HH, 2 Trucks For Ammon Z Bashore, Bethel, PA Berks Co Dwight D. Miller, Auct.

SAT JUNE 25 - 9AM Antiques, HH, Farm Equip At 910 Hopeland Rd , Lanc. Co , Pa Rt. 322 approx 8 mi W of Ephrata, turn onto Hopeland Rd in Brickerville at fire hall Terms by Wilbert & Mary Stauffer Aucts T Glenn Horst & Sons Inc

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PUBLIC AUCTION

OF ~
HOLSTEIN DAIRY HERD
TUESDAY, JUNE 14, 1988
@ 10:00 A.M.

Located Along Charming Forge Road, Off Rt. 422, Near Womelsdorf, Heidelberg Township, Berks Co., Pa.

HOME RAISED HERD
50 HEAD OF MILKING COWS
15 BRED HEIFERS

All ABS Sires Including Harmony, Lucky, David & Duke. Herd Calfhood Vaccinated.

19 - 2 Yr. Old Cows
14 - 3 Yr. Old Cows
6 - 4 Yr. Old Cows
6 - 5 Yr. Old Cows

Individual Milking Records. Up to 100 Lbs.

21,192-M and 857-F
21,060-M and 706-F
20,402-M and 813-F

4 Cows Due in June; 11 Due in July; 6 Due in August, 6 in Sept. & Oct. 15 Bred Heifers - 4 Due in July; 3 in Aug ; 3 in Sept , 6 in Oct. & Nov

30 Day Test and Pregnancy Check

TERMS BY:
MARTIN & GRACE WEAVER
215-589-4148

HORNING FARM AGENCY, INC
Alvin Horning, Auctioneer
AU000433-L
Merle Z Eberly, 002417-L
Main St , Morgantown, PA 19543
215-286-5183

PUBLIC AUCTION

VARIETY VALUABLE EXCAVATING & GOLF COURSE EQUIPMENT
SATURDAY, JUNE 18, 1988
9:30 A.M.

Located app. 12 miles North of Reading Rt. 183. One half mile South of Bernville, Berks Co., PA. along road to Robisonia at the Blue Marsh Ski area.

1978, 4 wheel drive Ford F250XLT Ranger pick-up with cap

Consists of the following items, Caterpillar 933 loader, D-4 Caterpillar, 2 - David Brown tractors #770A-3 pt. hitch turf tires, Farmall-A with sickle bar mowers, Jacobsen Tri-plex #62 Greens King with brush attachments, 72" Woods rotary mower, 6-Jacobsen 22" Green mowers, Toro Greens mower, Westpoint areator, Ryan Greens areator, Easy Rider sand trap rake, 2, National Triplex gang mowers, Meter Matic top dresser, West Point Verti Cut, Electro Matic steam cleaner, Weed Wacker, 6 wheel ATV, box scraper, York rake, app. 20CC' 1½ " rubber hose, Toro Triplex greens mower, John Deere 116 lawn tractor, fairway areator, 60" Cub mower, 5 gang Jacobsen mower frame, platform scale, 6 Lawn Boy rotary mowers, Peerless Jr. reel type grinder, Foley grinder, Witteking fertilizer spreader, electric cart battery chargers, misc. transite pipe and couplings, Crown oil fired boiler mdl. #WP750, large Bryan tube boiler, 1962 Ford Van 6 cyl. stick, 1967 Hardtail Triumph motor bikes, G.M.C. Dump truck old model, 8' over head door.

20 Harley Davidson golf carts (5-gas eng., 15 elec. eng.).

Auction by order of
HEIDLEBERG INVESTMENT ASSOC.
(215)488-7412

E.M. Murry Associates
10 S Broad St
Lititz, PA 17543
Elmer Murry 626-2636
Richard Murry 626-8175
Professional Auctioneers
Appraisers and Advisors
Since 1953
AU-00648-L

MAJOR SHOP TOOL, EQUIPMENT AND GUN AUCTION

TO SETTLE THE LAWRENCE FOLTS ESTATE
SAT., JUNE 18, 9:30 A.M.
Cohocton, (Steuben Co.) New York

Sale to be held at the house/shop located along Rte. 371, 1 mile north of Cohocton. (Just south of and across from Hynes Feed Service along the Cohocton River)

Selling will be the following meticulously cared for line! (Note: partial list of highlites only!)

Royal Oak bench mounted universal grinder with motor driven workhead, 5C collet fixture, swivel head, rack & pinion table movement, (18) collets, form relieving fixture, large assortment of grinding wheels & (2) edon industrial products speed variators; **Precise Super-60 high speed grinding attachment** with ½ h.p./4500 RPM motor, precise control & speed variator; **Model "DF" grizzly 12"x37" engine lathe,** S/N 360085 with removable block gap, 3-jaw chuck, face plate, steady rest, 4-way tool post, magnetic work light, live center, 1½ h.p. main motor, follower rest, 4-jaw chuck, drive plate, (2) key type drill chucks with centers, assorted chuck jaws, American tool post & instruction book; **Milwaukee model "II" Universal horizontal milling machine** S/N 65-4380 with double overarm, shop-made vertical head, 6" plain milling vise, arbors, end mill holders, 10" dividing head with index plates, 3-jaw chuck & work light; **10" overhead belt driven South Bend** bench mounted plain change gear **engine lathe,** S/N 61048 with dial threading, assorted indicators, reversing switch, powell ¼ h.p. motor, steady rest, 4-jaw chuck, 4" 6-jaw chuck, drive plate, 3-jaw chuck, assorted centers, full set of change gears, live centers, dogs, various drill chucks & bullnose centers; **R-F model RF-20 bench model drill & milling machine** S/N 889254 with (8) speeds, angle drill vise, hand feed to table, hand down feed, fine worm down feed, straight shank drill chuck, clamps & inserted tooth milling cutter; **Model 13 Brown & Sharpe tool & cutter grinder,** (been converted to a surface grinder) with 6"x18" electro-magnetic chuck, motorized head stock & belted power traverse of table; **Model DY-350 sawmaster vertical band saw,** S/N 710049 (1982) with work light & built-in welder/grinder/blade cut-off; **Model 1 Cincinnati tool & cutter grinder** with 4"x10" permanent magnet chuck, swivel type, sure-right speed variator (for spindle motor), table rack & pinion actuated, left & right hand tailstocks & screw operated universal vise; **Model ST-BDS690 Grizzly** 6" belt/9" disc combination belt & disc sander (1985) with ¾ h.p. single phase motor & miter gage on table; **Model G1010 grizzly metal cutting 4"x6" band saw** S/N 15711 with ⅓ h.p.; **Seneca Falls short cut lathe,** S/N 1459 with 4-jaw chuck, 4-way turret tool post, pan bed, motor drive & work light; **Model 884 Central ½ " 10" drill press; 14" Walker-Turner bench model M.D. drill press** with drill chuck & work light; **Lyman products model 1200 bowl type vibratory tumbler;** Oliver 12x12 bench mounted filer; 6 in. vertical mount rotary table; Sears portable compressor; Lincoln 225 welder;

Plus a large assortment of: lathe tools and accessories, chucks, drills, threading dies, reamers, taps, calibration instruments, collets, hand tools, electrical tools, hardware items, motors, bench grinders, files, plumbing and electrician tools and accessories, shelving and cabinets, plus all the usual findings associated with a complete shop of this nature! Also an assortment of steel stock;

Wood Working: DeWalt portable radial saw, S/N 64051095 with deluxe cabinet base, vacuum attachment & brakes; 12" Craftsman open leg wood band saw with motor drive & 12½ "x14" table; Craftsman 6" open face planer with 20"x6½ " table, open leg fabricated stand & motor drive; Model 113 Craftsman 6" jointer, S/N 20620 with motor drive on open leg fabricated stand; ½ " Black & Decker heavy duty industrial type portable drill; 14" Craftsman floor model drill press with motor drive & chuck; Again, a sizeable group of tools and accessories, hardware, etc.!

Guns: (sell about 1:00 p.m.) Browning "sweet 16" shotgun; Winchester model 120 12 ga. pump; Remington "Sportsman" 16 ga. 3 shot semi-auto.; .22 Magnum and .22 cal rifles with scopes.

Other Equipment: Case 220 lawn/garden tractor with 40 in. belly mower and snowblower; chains, etc.; Utility dump trailer; Stihl S-10 chain saw; Homelite gas powered weed trimmer; McCulloch gas power "Eager Beaver" blower; Agway power mower; lawn seeder; gas b.b.-que grill; **SPECIAL MENTION:** "Pace" hand operated 5c one arm bandit slot machine; Rock-Ola "Grand Prix II" model 60 jukebox; **Household Items (selling first):** GE 10 cu. ft. upright deep freeze; Zenith color portable TV; New electric vibrating recliner chair; 2 pc. livingroom suite; Pine kneehole desk; Pine chest of drawers; Delco floor model radio; Oak lamp table; Oak folding sewing stand;

NOTE: This is a large, all day auction of up to date, valuable, quality, well cared for tools and accessories. Plan to be in attendance at the Folts Estate Auction on June 18th.

Terms: CASH or honorable New York State check with acceptable identification.

Tent-Lunch

Owned by
THE LAWRENCE FOLTS ESTATE
J. Donald Folts, Administrator 716-384-5158
Auction Conducted By: PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520

NIGHT FARM MACHINERY DISPERSAL

MONDAY EVE., JUNE 20, 1988
At 7:00 p.m. SHARP!!

At Mar-Lon Farm, on Rt. 19, between Scio and Wellsville, N.Y. and 10 miles from Genesee, Pa.

6 IH w f e Tractors 856D, 706D, 656D, 460D, 544 w/2000 Loader & Super M (both gas), 4b & 6b Plows, 6 Row 400 Planter, 440 Kicker-Baler, 16 Disc Drill, 12' Vibrashank, 105 Grinder Case 1530 Skid Steer Loader, 2 Choppers, Blower, Wagons, 2 Elevators, Sprayer, 3 pt. Seeder, 12' Dunham Cultimulcher, 6 row Cultivator, H&S 295 Spreader AC "Gleaner E" Combine w/12' Grain & 3 Row (narrow) Corn Heads Come early — very few small items

Selling for Mar-Lon Farms
CHILON & MARY HABBERFIELD
LONNIE & MARCIA HABBERFIELD

TERMS: Cash or Good Check Night of Sale
Auction by
Victor Kent & Sons Sherman, N Y
(716 761 6167)
Sale Manager
D H Rumsey Bath N Y
(607 776 3478)

FARMERSVILLE AUCTION

TUES., JUNE 14, 1988
1:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

General Household Goods Auction.

See Lanc. Newspaper Sat., June 11 for listing.

WE SELL ON COMMISSION

Furniture at 7:00 P.M.

Call JOHN J. RUTT
(717) 354-5095

Auctioneer: Larry Rutt
AU-2455-L

Consignments being accepted for our July 4 Antique Sale.

AT PUBLIC AUCTION

TUESDAY JUNE 21
beginning at
11:00 A.M.

MODERN IRON WORKS, INC.
23 Industrial Drive, Trenton, NJ
METAL FABRICATOR

MACHINERY- #0 Mubea Ironworker, 3"x3"x1/8" cap angles, punch & coper, 4L6 Chicago 6'x10 ga Press Brake, #396 Niagara 96"x10 ga Power Shear, #999 Toledo 1" sq Picket Twister, #2 Hossfeld Bender w/tooling, 1" sq (3) DiAcro Hand Benders, Etc

LARGE QUANTITY PRESS BRAKE DIES

SAWS- C57 DoAll Horiz 12"x18" Bandsaw, Model J Johnson 10"x16" Bandsaw w/coolant, 18" Grob Vert NS18 Bandsaw w/welder, 16" DeWalt 7-½ HP Radial Arm Saw w/Bellow air feed & mist, #8 Marvel Vert 18"x18" Cut Off Saw, 14' Uni Point Tilting 5 HP Radial Arm Saw, 12" Delta 5 HP Mitering Cut Off Saws, Etc

PRESSES & PUNCHES- 20M Bliss 30 Ton OBI Press, 30 Ton Z & H SS Press, (6) 20 to 55 Ton Ferracute BW Presses, #4 L&A DE Punch, 20 Ton OBI Press, Etc

MACHINE TOOLS- #2 Induma Horiz Univ Milling Machine, Nebel 20"x72" cc Engine Lathe, 3' Fosdick Radial Arm Drill, 16" Cincinnati 4 Spdl Drill, #16 Buffalo Fl Drill, C103 Natco 24 Spdl Drill, (5) 24" Buffalo, 20" Black Hawk, 15" Boice Crane & 14" Delta Bench & Floor Drills, Etc

WELDING EQUIPMENT- (8) Miller, Airco & Weldsale 200 & 250 amp Mig Welders, (2) 200 amp Lincoln Stick Welders, (4) Gas Driven Welders, Etc

(4) 5'x12', 6'x11' & 12' WELDING TABLES

MISCELLANEOUS- (2) TM 5 HP Air Compressors, 5000 lb Yale & 8000 lb Towmotor Prop Fork Trucks, Kleanline Port Parts Washer, #0700 Titan Shot Blast, (2) 3000 lb Pallet Jack, Electric Hoists, Hand Tools, Benches, Shelving, Etc

FORD 350 FLATBED 1 TON TRUCK w/200 AMP GAS DRIVEN LINCOLN WELDER & TAKEOFF

(2) TWIN AXLE DUAL WHEEL BOX TRAILERS

OFFICE FURNITURE- Sharp SF7200 Copier (New 1986), Desks, Chairs, Files, Conference Table, Etc

TERMS OF SALE- Deposit 25% Cash, Certified Check or Guaranteed Funds required. All bills must be paid at completion of sale and removed within time announced by auctioneer.

DIRECTIONS- U S 1 over toll bridge (15c) to right turn on Whitehead Road 2/10 mile to left turn on 6th Street to plant at junction 6th Street & Industrial Building

INSPECTION- Morning of sale from 9 AM to 11 AM

Henry S. Nemrod Associates
107 N Highland Ave , Bala Cynwyd PA 19004
Phone (215) 627-6100 or (215) 627 7371
AUCTIONEERS LIQUIDATORS APPRAISERS
PA AUCTIONEER'S LICENSE NO AU000678L

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT JUNE 25 - 9AM Complete Liquidation of Contractor Tools, Air & Masonry Tools & Hand Tools At 2957 Church Rd, Bird-in-Hand, Pa Take Rt 340 approx 6 mi E of Lancaster & turn on N Weavertown Rd for approx ½ mi to Church Rd Owner, John U Stoltzfus Ron Funk, Gordon Ressler, Aucts

SAT JUNE 25 - 9AM Real Estate, 21 Acre Land Parcel, 10 710 Acres of Woodland, Farm Equipment, Antique Gas Engines, Riding Mower, Bells & Antiques (Approx 6 miles N of Fogelsville), turn off Rt. 100 onto road toward Kempton, travel approx. 2 5 miles to Werley's Corner, turn N onto Sweitzer Rd for 5 mile then left onto 5 Point Rd to 2nd farm, Weisenberg Twp, Lehigh Co, Pa For Ludwig F & Arlene G Rauscher Ralph W Zettlemoyer, aucts

SAT JUNE 25 - 9AM Tractor, Machinery, Tools, Etc, Household Goods, Guns, Etc, Antiques Located along Black Rock Road, first farm south from Grandview Road & Black Rock intersection, close to South Western schools, Penn Twp, Hanover, Pa, York Co For J Clair & Mary A Frock C C Miller Sons, aucts

SAT JUNE 25 - 9AM Misc Items Montg Co 2 Mi from Pa Turnpike Exit 26, Ft Washington George & Donald Driesbach Anderson & Roesch, St Oreland, Pa Rod Geyer Auct

SAT JUNE 25 - 9 30AM New & Used Lumber, Paint, Painting Equipment & Building Material Located 2½ miles South of Intercourse, 2½ miles North of Gap, along Newport Rd, Route 772 across from Pequea Valley High School at Fisher's Paint Store Fisher's Painting Leon D Kurtz & J Omar Stoltzfus Aucts

SAT JUNE 25 - 9 30AM New & Used Lumber, Paint, Painting Equip, Building Material Loc 2½ mi S of Intercourse or 2½ mi N of Gap along Newport Rd (Rt 772), across from Pequea Valley High School at Fisher's Paint Store By Fisher's Painting Aucts Leon Kurtz & J Omar Stoltzfus

SAT JUNE 25 - 9 30AM Antique Autos & Auto Accessories At 2088 Springwood Rd, York, Pa in York Twp near Queensgate Shopping Center Ted Schaefer Sr, Owner Jacob A Gilbert, Auct

SAT JUNE 25 - 10AM Real Estate, Woodworking Tools, HH Dead End Rd, RD2, Annville, E Hanover Twp, Lebanon Co, Pa Conditions by John M Frey & Ruth Ann Frey Conducted by Ebersole & Shoop, Aucts

SAT JUNE 25 - 1PM Tioga Point Inn w/Liquor License Rt 199, Athens, Bradford Co, Pa just off Rt 220 & 17, 1 mi S of Athens Kenneth A Geyer Auction Co, Inc

MON JUNE 27 - 6PM Real Estate Village of Schubert, Berks Co, Pa off Exit #6 of I-78, go North on Rt 419 to Seven Stars Hotel, turn right and go about 4/10 mile to property on left Richard & Sylvia Noecker, owners Dwight D Miller, auct

WANTED

Jobbers - Dealers - Wholesalers - Antiques - Whole Estates - New & Used Items of All Kind. For Modern Sale Gallery With Restaurant in Central PA.

We Buy - Sell - Consign - Liquidate - We Handle It All. In business same place 28 years. Give us a call- you won't be sorry you did.

Phone
717-966-2509 or 814-349-5290
Clips & Save This Adv.
Earl W. Weaver
Licensed and Bonded
Auctioneer Box 12
Aaronsburg, Pa 16820-0012

PUBLIC SALE

BEAUTIFUL COUNTRY RANCH DWELLING ON 8½ ACRES
FRIDAY EVE., JULY 8-
8:00 P.M.
Located 6 mi west of Mifflintown, Juniata County, Pa.

Country dwelling on 8½ acres, half wooded w/Mt. Stream. 3 bedrm, 2 bath ranch dwelling, 2 car garages & workshop.

For info or brochure w/picture, contact:
Long's Auction Service
R.D. 1, Port Royal, Pa. 17082
Ph. 717-527-2405 or 4458
AU 001702 L

SELINSGROVE FARMERS MARKET

Along Route 522 - 1 mile West of Selinsgrove off Route 11 & 15 bypass at Selinsgrove, Snyder County, PA.
SATURDAY, JUNE 18, 1988
AT 9:00 A.M.

CONSIGNMENT SALE

Selling anything on consignment: farm equipment (horse drawn & modern), household goods, etc., antique rope bed, old bed & dresser, bureau, organ top, cobblers bench, drop leaf table, school desks, cider press, antiques, painted steel wheels, novelties, old books, almanacs, papers 1904-06-30 etc., chairs, coal, gas, & electric stoves, other stoves, sausage stuffer, meat grinder, fire engines, teams, & wagons, cast iron piggy banks, tractors, & lots more. Four (4) riding mowers, power & push mowers, Wards power ground worker, rototiller, power lawn sweeper, dinner bells, 2 wheel push carts, gym & porch swing sets, sliding boards, lawn swing sets, new chain link dog kennel 8x10 ft., wood splitters, used tin, hoses, tarps, platforms scales, anvil, new 3-phase motor, bee smokers, J.D. hammermill, milk cans, trucks, tractors & car tires, rims, hub caps, belting, bale & binder twine, barb wire, gates, fencing, steel & chain link, steel & wooden posts, cement mixer, steel, plastic & wooden barrels, gas & water tanks (1 large), bolts, nails & washers, ne wpick-up tool boxes, irrigation pumps, windows, Van Brandt grain drill, (2) 6x10 ft. bow windows, large and small steel drain pipe, lumber building products, 6 ton steel wheel wagon, 5 rubber tire wagon running gears, (1-8 ton), 2 rubber tire pleasure wagons, antique runabout buggy, Lancaster Co. Amish style buggy & carriage, pony cart, 2 spring wagons, 1 rubber tire cart, 1 wooden & steel tire cart, 2 row Holland mechanical planter, 1 row New Idea transplanter, corn planter, New Idea No. 10 manure spreader, Mc. D. cub spreader, other spreaders, 2 cultipackers, box wagon, hog feeders, farrowing crates, Artsway 410 grinder mixer on steel, 550 gal. liquid fertilizer tanks, trailer sprayer, I.H. riding cultivator, Oliver riding cultivator, walking cultivator, potato plow, 1 row potato digger, J.D. grass mower, Mc. D. No. 9 grass mower, Oliver single & double 2 way riding plow, 2 & 3 section harrows, disk, new 4 and 6 ft. roller harrows, new drag, post hole digger, new 7 ft. scraper blades, new 5 ft. rotary mower, Brillion 10 ft. crowfoot packer, New Holland 55 hay rake, 3 pt. Dearborn rake, New Idea rake, 3 pt. Ferguson rake, Oliver disk grain drill, 1 load new batteries, load of new tools, dried walnut lumber. Food items: pretzels, chips, candy, etc., 1 load fresh produce, other mixed loads. Lots of small items, hay & straw. NO TRASH.

— SELLING AT 12 NOON —

1986 Ford 15 passenger Van with diesel engine, front & rear air conditioning, loaded with options, Black 1984 Chevrolet Celebrity with FWD, A/T, A/C, AM/FM Cassette, P/S, P/B, power windows, 1979 Ford Van 6 cyl. Auto, sold as is, 1937 Chevy 4 door with 50,000 original miles, all original can drive away needs restored.

SALE ORDER: Produces, eggs, small items on trucks, household, farm equipment. Consignments Welcome. Small items sold off trucks. Hauling Available, call (717) 837-7522.

Wolgemuth Auction Service- Lic. #1036
Kennth E. Hassinger
R.D. #2, Box 108-B
McClure, PA 17841
(717) 658-3536 AU-001532-L

Neil A. Courtney
R.D. #1, Box 75
Richfield, PA 17086
(717) 539-8791 AA-001631-L

Not Responsible For Accidents

GOODS AUCTION

Farm Machinery, Tools, Hardware, Building Supplies
First And Third Wednesday Of Month Of Feb. Thru June
Starting at 9 A.M.
Tools & Hardware at 9 A.M.
Lawn and Garden At 12 Noon
Followed By Machinery
Building Materials At 11:30

We sell on commission.
Hay and straw sales every Wednesday at 12 noon.
No out of state checks, no household items.
A.H. #000014-L

Goods Auction
111 North Maple Ave.
Leola, Pa. 17540

PUBLIC AUCTION

SATURDAY, JUNE 18, 1988
9:00 A.M.

Location: 2 miles northwest of Elizabethville, Pennsylvania. On Route 209 turn at Wilhour Road, then to Mattis Road. Watch for sale signs.

FARMALL H TRACTOR W/BUCKET & HOMEMADE SNOW BLADE, OUACHITA 20' ALUMINUM AIR BOAT w/CORVAIR ENGINE & TRAILER, SEARS ROEBUCK SS/16 TWIN GARDEN TRACTOR w/42" CUT, DAYTON HYDRAULIC SYSTEM, BLADE & ROTO TILLER TOOLS & RELATED ITEMS

Cement Mixer; Small Sand Blaster; Set of Acetylene Torches w/Tanks; Devilbiss 230-Volt Air Compressor w/Large Tank & 5-hp Motor; (2) Electric Winches; Chain Block & Tackle, 1000 lb. Capacity; Rockwell & Craftsman Circle Saws; Bench Vise w/Metal Stand on Wheels; Black & Decker Drill Bit Sharpener & 3-Speed Jig Saw; Sharpening Wheel; Power Kraft 3-Wheel Cart; Homelite; Remington & David Bradley Chain Saws; Homelite 92 G.P.M. Portable Pump w/4-Cycle Briggs & Stratton Engine; Misc. Tools; Assorted Metal Bins & Drawers; 14' Aluminum Extension Ladder & 34' Wooden Extension Ladder; 10' Wooden Stepladder; Numerous Other Items. (NOTE: AUCTION WILL BEGIN W/TOOL & RELATED ITEMS)

ANTIQUES & COLLECTIBLES

Oak Wash Stand w/Towel Rack; Walnut Victorian Wall Mirror; Oak Rocker & Chair; Copper Clad Kitchen Coal Stove; Bench; Enterprise Sausage Stuffer & Cherry Seeder; Meat Bench; 6-Pc. Toilet Set w/Pink Roses; Etc.

HOUSEHOLD ITEMS

International Harvester & Sears Chest-Type Freezers; Zenith Color TV; Corona Kerosene Heater; Emerson Humidifier; Bentley Super-8 Home Movie Projector w/Camera; Epiphone Electric Guitar w/Amplifier; Sears Gas Grill; Royal 560 Electric Typewriter w/Stand; Dual Action Foldaway Exer-Bike; Focal Telescope on Tripod; Bee Smoker; Portable Sewing Machine; Large Formica 1-Pc. Top Table; 6' Formica-Top Table; Harvest Maid Food Dehydrator; Queen-Size Bed; End Table w/Inlaid Star Top & Dresser; Recliner; Misc. Table Lamps; Maple End Table; Fishing Rods; Wooden Mailbox; 4-Drawer Metal Filing Cabinet; Metal Knee-Hole 2-Drawer Office Desk; 5-Gallon Crock; Misc. Dishes, Pots & Pans; Numerous Other Items.

TERMS: Cash. Personal Checks Accepted Only From Persons Having An Established Account w/Auctioneer or Approval Prior to Date of Auction.

LINN & ELOISE HARMAN
Owners
Auctioneers:
Dockey #AU229L, Dockey #AU1683L & Deppen #AU1957L

LEE B. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
B • 164 Pillow Pa 17081
Phone 758 6004

Promise Haven Classic II

Located near Rome, Pa., take Nichols Exit off Rt. 17 at Nichols N.Y., take 282 South (becomes 187 at State line) to Rome, Pa. Coming from Rt. 220 on Rt. 6 at Wysox, take 187 north to north end of Rome, turn at Union Valley Mennonite Church sign, go to Lake Lorraine sign turn right 1st farm. Watch for auction signs.

Fri. Eve. June 17th
at 7:30 P.M.
50 Fresh And Close Holsteins Cattle 50 Mostly Reg. And Many Top Pedigreed Calves

Several top pedigreed cows selling include:
A Top Chairman scored V.G. w/V.G. Mammary and a 450 lb. index, milking 90 lbs. of 3.7% milk.
One of the fanciest first calf red & white you'll find this year, fresh & milking extremely well. Dam- an 86 pt. Threat w/19,300m. at 2 yr. Gr. Dam- V.G. 88 w/2 recs. over 27,000 and 170,000 LFT.
A Super pedigreed Regal-Red just fresh w/ second calf and looks great.
One for the milk pail or show ring, a 2 yr. old Astro Jet, making over 20,000. 1st calf and bred to Starbuck.
A Fresh Valiant w/a super quality udder. A sure V.G. from an Elevation dam right at 20,000, next dam w/18,700 and 3rd dam 4E w/20,000.
A Red & White Tempo grdtr. milking well and sells w/an Enhancer heifer calf.
An Oak Ridge Legend dtr. due sale time to Astro Jet, a strong candidate for excellent. Many more real top cattle selling w/ outstanding type and production, also many w/ test from 4.0 to 4.6% butterfat.

Consignments Welcome
Promise Haven Farm- 717-247-7817
(Sale Manager)

Your Source Of Quality Dairy Cattle, All The Time

PUBLIC AUCTION

TRACTORS; ANTIQUE GAS ENGINES; FORDSON TRACTOR; CAR; EQUIPMENT; TWO HORSE WAGON

FRI. JUNE 24, 1988
at 5 PM
(Approx. 5 miles N. of Allentown) In Laury's Station turn off Rt. 145 onto Church St. for .5 mile to Miller's UCC Church parking lot, Lehigh Co., Pa.

EQUIPMENT

Ford Golden Jubilee tractor w/3 pt., etc; also sn. blade for same; MF 35 utility w/new tires, etc plus #100 frt. end loader for same w/ continuous hyd pump; Dearborn 3 pt. 2-14" pl; Oliver 2-14 trl pl; Lilliston 7' rotary cutter; 3 pt. 7' blade; Kuhn 50" 3 pt. roto tiller; Troy Bilt (Pony) rototiller; sm self propelled blacktop roller; sm two wheel trailer; 2 circular saw bucks; Winco 15,000 watt pto gen; 10' ci cattle water trough; 1 ton chain block; one hole c sheller; 500 lb. platform scale; meat grinder, sausage stuffer, tools & other smalls.

ANTIQUES

Fordson tractor on steel wheels (nice) looks original; Witte 4 hp; Fairbanks Morse 6 hp; Fuller & Johnson 5 hp; (???) 5 hp; NH 2 hp; Maynard S-W-9817 (??? ½ hp); lg. apple crusher cider press; heavy duty two horse box wagon; McDerring 4' horse drawn grass mower; sm black smith forge w/elec motor; Sears Roebuck 6" hammer mill; horse drawn hillside pl; drilling machine for mortising fence posts.

CAR

1979 Buick (Park Ave.) 4 dr. sedan w/full pwr, air, tilt wheel, 67,310 miles (nice).

NOTE- These were the personal items of the late Paul Peters, all are in very nice & clean condition, for convenience, these items have been moved to the Church property to be sold, a nice clean quality auction.
Terms- Cash or acceptable check
Ordered by
MRS. VIOLA PETERS

Refreshments by the Church women

P.O. Box 215 • Fogelsville PA 18051 • 215 395 8084 • License #AU001809 L
RALPH W ZETTLEMOYER AUCTION CO. INC

Public Auction Register

Closing Date Monday 5 00 P M of each week of publication

BARTOO COMPLETE FARM DISPERSAL

WEDNESDAY EVE., JUNE 15

6:00 P.M. SHARP!

Pushersiding Road

Ulysses, (West Bingham) Potter Co., Penna. Follow auction arrows in Genesee, PA at the intersection of NY Rte. 19 and Pa. Rte. 449; and at the end of Rte. 248A in Genesee; or on Main Street (Rte. 49) Ulysses.

Discontinuing farming, selling will be:
60 Interstate Tested Holsteins. 37 Mature Cows, (5 fresh last 30 days, 5 due sale time, 6 due July-August and balance around the calendar); 19 vaccinated heifers (10 yearlings, 9 short yearlings); 5 started calves. This is a homeraised, Sire Power bred herd. Interstate ready, pregnancy examined, shipping fever shots, catalogs and DHIA transfer sale night Truckers on sale!

MACHINERY: Like new JD 2750 mechanical front wheel drive tractor, (SNCO 4239T711316) purchased new in Feb. 1987, 670 hrs., 15.5-38 rear rubber, dual remotes, nice!; Case 870 diesel, power shift, 4285 hrs., purchased new in 1971; JD 2010 gas tractor with homebuilt loader; JD 336 kicker baler; NH 770 12 knife chopper, 2-row 770 R-2 corn head and 717 w pickup head; Case 4-16 semi-mt. plow; AC WD tractor with mounted buzz saw; Case 10 ft. transport disk; Nice trailer type weed sprayer with 200 gal. tank; JD 17 disk mechanical lift drill with good fert. box and grass seeder; Lely 3 pt. broadcast spreader; 3 hay basket wagons; NH 6 s.u. wagon on NH gear; Calhoun unloading wagon, NH running gear; JD 640 rake; MC 9 ft rotary scythe; NI 270 cutditioner; 30 ft transport bale elevator; Kasten and NH super 23 blowers; JD 34 spreader; dump trailer, Little Giant 175 bu. gravity wagon; NI 7 picker; 3 pt. 10 ft. drag; JD 3 and 4 bottom mounted plows; AC 60 combine with scour clean; 1970 Chevy C-30 pickup V-8 4 speed (not inspected); 3 pt. rear blade; Case 30 ft. grain elevator; JD 490 corn planter; 10 bu. Doeblers 1988 seed corn (29x370A-3); Round bale feeder; 2 40 ft ext. ladders; good 550 gal. fuel tank and elect. pump; skid tank; Acc. torches, tanks and cart; Power craft 225 welder; battery charger; 2 bench grinders; McCullough chain saw; sap equipment including plastic taps, pans, tanks, etc.; various small tools.
BARN EQUIPMENT: Girton DI-300 (2924 lb.) bulk tank; 6 surge milkers; s.s. pails; Clay clockwise gutter cleaner with 175 ft. chain; Dumping station with bender washer-releaser; Patz 98B 14-16 ft. silo unloader; New 30 gal. gas water heater; 2000 bales of 1 yr. old hay in 3 lots; **Selling for a neighbor:** 4 60 lb. DeLaval magnetic pail milkers; 1 magnetic pulsation box; 2 Surge mini-cup pipeline milkers; 18 Surge pipeline inlets; 2 in. vacuum line with Surge stall cocks.

FARM FOR SALE: 300 acre farm in prime hunting area with the Genesee River running through. A beautiful, secluded property!

See you on the 15th at the Bartoo Farm Lunch by Potter Co. 4-H Exchange Group. Tent and Lights!
SALE ORDER: 6.00 p.m. small tools; 7.00 sharp! machinery; then barn equipment, cattle and followed by any remaining small items!

OWNED BY
MR. & MRS. DUANE BARTOO
814-848-9894
Auction Conducted By:
PIRRUNG AUCTIONEERS, INC.
Wayland, NY 716-728-2520
Ulysses, PA 814-848-7421

HORSE SALE

SATURDAY, JUNE 18, 1988

Hitched at 1 p.m.
Sale at 2 p.m.

1 load of standardbred trotters, and 4 or 5 saddlebreds.

ELAM B. STOLTZFUS
RD1, Irishtown Rd.
Ronks, Pa. 17572

PUBLIC SALE

OF FINE ANTIQUES
HOUSEHOLD GOODS
SUPER A FARMALL TRACTOR
TROY-BILT REAR ROTOTILLER - 8 HP RIDING MOWER - ROTARY MOWERS
FARM EQUIPMENT - TOOLS
1970 DODGE CORONET

SAT., JUNE 18, 1988

At 9:00 A.M.

Loc. 195 Spring Street, Mountville, West Hempfield Twp., Lancaster Co., PA (Dir: Take Rt. 30 Bypass west of Lancaster to Mountville exit. Turn left onto Stoney Battery Road & go 1 block to Spring Street to sale.)

Sale by
FLORENCE I. BARKLE
Estate
(Mrs. William H. Barkle)
J. David Young, Sr. Attorney
Howard Shaub (717) 464-3541
Auctioneer (AU-000831-L)

Reuluc Complete Dispersal

Located 2 miles from Laceyville, Pa., between Tunkhannock and Wyalusing, Pa. Watch for auction arrows off Rt. 6 at Laceyville overpass. The Culvers are retiring after a lifetime of farming.

THURSDAY, JUNE 23

AT 10:30 SHARP

44 REG. & HIGH GRADE HOLSTEINS 44

25 Reg. & 19 High Grades

April rolling herd average 15,720M 3 5T 543I· Watch for features, sires and other details on cows in next week's ad

25 mature cows in all stages of lactation, 6 bred hfrs , 13 calves to yrlgs. Interstate tested, preg ex , charts day of sale

MACHINERY

IHC 826 diesel hydro tractor W.F.; IHC 560 gas tractor NF, IHC 300 gas tractor NH; Farmall M, Farmall H, '76 Chevy 30 Custom Deluxe truck 9' box, 4' 6 sides, NH 461 haybine, NH 717 chopper w/1 row corn & pickup heads, NH 271 haylner baler w/kicker, NH 56 side rake, NH 510 spreader, Gehl SU box & gear; 3 Grove SU boxes & gears, Kuhn hay tedder; 9'x6' kicker rack & gear, kicker rack & gear w/hay feeder sides, Fox chopper w/1 row corn & pickup heads, JD 15A flail chopper, Hustler 56 hopper blower, 50' hay elev , JD 1240- 4 row corn planter; IHC 13 hoe grain drill; Yellow Devil transport weed sprayer, Case 16" 4 bottom semi-mount plows w/side hill hitch, JD I·620A 16" 3 bottom trailer plow, IHC 3 bottom 2 pt trailer plow, IHC 3 bottom trailer plow, JD 16' transport harrows, Sam Malky 24' elev ; 3 section harrows, 16' wood float, old items kicker wagon & gears, old Fox chopper, harrows, NH 510 spreader, horse mower, belt blower, elec brooder, gas brooder, some other small items and antiques will be listed next week

Sales Mgr. Note:
The Reuluc prefix is a well respected name, cattle have gone on to score well & make records over 30,000M for their new owners, exceptionally well raised hfrs as always Approx 170 acre farm for rent, bulk tank, barn cleaner, pipeline, ready to ship milk Call owner Selling order small items & antiques 10 30 sharp, large machinery 11 30, cattle approx 12 30

Terms- Cash or Good Check.
Sale under cover - Catalogs.
Lunch available.

OWNERS-
JOHN & REVA CULVER
717-869-1240
Auctioneer: William Kent
Sales Mgr.: Gordon Wood
Mansfield, Pa.
Ph. 717-549-4901

For the most in advertising coverage & preparing your sale- call Wood's Auction Service.

MON JUNE 27 - 7PM Real Estate At 62 Poplar St , Intercourse, PA, approx 10 mi E of Lancaster - In Intercourse take Rt 772 E off Rt 349 to Poplar St Owners Fred E & Elizabeth A Clark Ron Funk, Gordon Ressler, Aucts

MON, JUNE 27 & TUES JUNE 28 - 4 30 PM Machinist Tools, Equipment, Butchering Equip , Antiques, Guns Located at 338 Jeffern St , Adamstown, Lanc Co , Pa For Regina Youndt Horst Aucts

THURS EVE JUNE 30 - 5 30PM Real Estate & Land Auction, Row Homes, State Street Lot, Third Street Lot, Greenwood Twp , Pine Township At State and 4th Street, Millville, Pa (Exit 34, I 80, follow Rt 42 N to Millville Seller Estate of Glenn P Black Hock's Auction Service, aucts

JULY

FRI JULY 1 - Kling's Sale Barn, Landisburg, Pa Dairy Cow Sale, Kling's Auctions, Inc , Sale Mgrs

FRI JULY 1, SAT , JULY 2, MON JULY 4 Tools, Farm Implements, Vehicles, Dishes & Misc At 200 Krall Rd , Myerstown, 1 mile south of Myerstown off Rt 501 Estate of Warren A Krall G Harvey Weik, Dale Rudy, aucts

SAT JULY 2 & SUN JULY 3 - 9 6 Open to Public Schuylkill Co's First Farm Toy Tractor Auction, Show & Sale At Blue Mt. Hall, Rt. 183 Summit Station, Sch. Co , Pa Jay Riegel

THURS JULY 7 - 6 30PM Real Estate at RD #2 Wrightsville, Penna in Hellam Twp Located off Strickler Road & Bairs Mill Road For Audrey J and Stanley R Hoke Brian L Gilbert, Jacob A Gilbert, aucts

FRI JULY 8 - 1 30PM State Graded Feeder Pig Sale Grading 7 30-11 30AM Carlisle Livestock Mkt , Inc Exit 12 off I-81

FRI JULY 8 - 7PM Horse Sale New Holland Sales Stables, Inc

TALL OAKS FARM-
Potter Co.

Complete I.D. Grade Milking Herd & Bred Heifer Dispersal

To be held at Smoketown Quality Dairy Sales
Smoketown, Pa. Rte. 340

FRIDAY, JUNE 24th

8 P.M. D.S.T.

D.H.I.A. 17,282- 3.6- 625- 62 Lbs. Avg. Per Cow. This Is A Fall Bred Herd. 4 Due July, 4- Aug., 3- Sept., 3- Oct., 6- Nov., 4- Dec. Most Of Herd Are Calfhood Vacc. Avg. Age 36 Mos. All Homeraised. Holstein Breeder For 44 Years, And Is Now Retiring From The Dairy Business. All Bred & Sired By A.I. Sire Power. June Is Dairy Month And We Have A Good Fancy Herd Of Cows With Good Udders. We Will Have A Treat For The Dairyman.

Cow Families

Gwen- Grade- Vacc- 65 Lbs. Due 11-4-88- Long Haven Ned Boy Action- ET.
2-3 317 11,466m. 4.6% 513.
3-3 273 11,265m. 4.6% 516.
4-2 286 13,455m. 4.5% 611.
5-1 305 13,200m. 4.3% 565.
6-3 319 17,310m. 4 6% 792.

Dtr.- Janet- I.D. Grade- Vacc. Born 10-24-83 68 Lbs.
Sire- Ken-Ric Hannibal Classic- ET.
2-10 305 19,655 3.4 668.
363 22,636 3.4 786.
4-5 Est. 15,444 4.4

Dtr.- Judy- I.D. Grade- Vacc. Born 8-18-85.
2-0 247 11,570 4.6 535 Est. 13,383 625.
Due 8-20-88- Sir Odyssey Ned Boy Kingdom ET.

Wildcat- Grade Vacc- 78 Lbs.
Sire Kingstead Elevation Matador.
4-2 294 17,070 3.6 613.
5-2 309 21,062 3.7 777.
6-2 211 17,763 3.5 619 Inc. Est. 23,460- 835.
Due 9-9-88- Lutz Brookview Benson- ET.

Dtr. Liz- I.D. Grade- Vacc- 61 Lbs.
Sire- Pen-Col Lennon- ET.
3-2 Est. 16,066 3.8 616.

Dot- I.D. Grade- Vacc Born 10-11-84· 78 Lbs.
Sire- Pen-Col Lennon- ET.
3-2 Est. 20,879 659.
Dam- Standout Star.
6-3 305 18,007 601.
355 23,575 816.

May- ID Grade- Born 1-13-85 60 Lbs.
Sire- Brookview S-W-D Special- ET.
2-7 232 13,430 3.6 487- Est. 17,405- 645.
Due 8-3-88- Harvue OCS Mark Spitfire- ET.

Many Other Good Cows With Records
More Details Next Issue

Special Mention

Reg. Holstein Bull- Ready For Service.
Sire: Ned Boy.
Dam- MD- New-Hopes Rebel Elevation- V.G. 87.
2-2 315 17,247 3.7 637.
3-2 320 21,349 3.7 799.
Proj. 4-3 305 25,170 4.0 1002.
Granddam- Sunny-Craft Chief Spirit- EX 90.
2-2 361 20,421 4.8 986.
3-4 363 24,854 4.3 1059.
4-6 365 30,114 4.5 1370.
6-8 365 29,896 5.2 1556.
Next Dam- Harrisburg Gay Ideal V.G. 85.
6-6 305 15,520 4.2 649.
5-2 305 21,810 719.
4-1 305 22,240 3.5 775.

Reg. Arlinda Jet Stream- Twin Vacc.
5-1 293d. 18,824m. 3.7% 703F.
6-2 365d. 20,790m. 3.4% 653F.
7-4 365d. 19,093m. 3.4% 659F.
With A Heifer Calf By B-R-W Imus.

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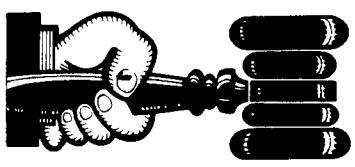
Public Auction Register

Closing Date - Monday, 5 00 P M of each week's publication

FRI JULY 8 - 8PM Beautiful Country Ranch Dwelling on 8½ Acres Located 6 mi west of Mifflintown, Juniata Co., Pa Long's Auction Service

SAT JULY 9 - R D 1 Loysville, Perry Co , Pa , Amish School Benefit Sale



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SAT JULY 9 - 9 30AM Farm Tractors & Equip , Misc Items, Cars & Trucks Straley Farm Supply, Dover Pa

SAT JULY 9 - 9AM Antiques, Household Furnishings, JD Garden Tractor, Butchering Equipment, Fishing Equipment, etc Located midway between Mt Holly Springs and Biglerville on Route #34 to Idaville Square then turn West 2 miles to Knouse Foods then south 1 mile to Mt Tabor Church, then north 2/10 mile in Adams County, Pa Jean H Cline Gibbs & Edward A Gibbs, owners Clair R Slaybaugh, auct

FRI JULY 15 - 6PM Valuable Real Estate Route 303, signs posted from Hillsboro/Queen Anne, Maryland In beautiful "Talbot County" off Route 404, borders Tuckahoe River Clifton Canning Company, seller Chester Lee Carroll, auct

FRI JULY 15 - 8PM Valuable Real Property Located approx 1¼ mile west of Three Springs, Pa along Route 655 at the John S Landis property Owners Mr & Mrs John S Landis Robert D Fleck, aucts

SAT JUL 16 - Machinery, Crops, Household, Antiques, Etc 2 miles south of Oxford, Pa on Barnsley-Chrome Rd , 30 mi s of Lancaster By order of John R Hilaman, Owner Whiteside Auction Service, Aucts

FRI JULY 22 - Special Sale New Holland Sales Stables, Inc

FRI JULY 22 - 5 30PM Gap Auction- HH, Antiques, Tools Located near the Town Clock opposite the Minit Market in Gap, PA Ira & Dale Stoltzfus & Luke Whitman, Aucts

TUES JULY 26 - Holstein dairy cattle for Sam Heagy, Route 4, Lebanon Harry H Bachman, auct

FRI JUNE 29 - 5 30PM Gap Auction- HH, Antiques, Tools Located near the Town Clock opposite the Minit Market in Gap, PA Ira & Dale Stoltzfus & Luke Whitman, Aucts

AUGUST

SAT AUG 6 9AM Located 1 mile North of Rt 23 from Leola Family Restaurant on Windy Tore Rd Complete line of light & heavy steel shop tools & inventory Forest Hill Machine Shop, Daniel S Glick, owner Auct Steve & Steve, Jr, Petersheim

FRI AUG 12 - 11AM Herd Dispersal of 65 Head, Purebred Cows & Heifers Located along Rt 322 in Blue Ball, Pa , Lanc Co Sale By Jerrene & Adam Zimmerman Paul Snyder, Auct

FRI AUG 12 - 1 30PM State Graded Feeder Pig Sale Grading 7 30-11 30AM Carlisle Livestock Mkt , Inc Exit 12 off I-81

FRI & SAT AUG 12 & 13 - Back-East Summer Farm Toy Show & Auction New Holland Fire Hall Dave Nolt & Dale Stoltzfus, Aucts

PIGS

STATE GRADED SALE
FRI., JUNE 17
1:30 P.M.
WESTMINSTER
LIVESTOCK AUCTION
Westminster, MD

Now holding 2 sales each month on 1st & 3rd Fridays.

Phone (301) 848-9820 or 301-857-1179

FRI. AUG 19 - Special Sale New Holland Sales Stables, Inc , New Holland, Pa

SAT. AUG 20 - Annual Gonsignment Sale of the Kutztown Community Fire Co Turn off Rt. 422 at light, go north on Rt 645 approx 1½ to 2 mi to the sale Henry Brubaker chairman of sale committee Local auctioneers

SAT AUG 20 - 1PM Rocking D Horse & Cattle Co Production Sale Reg Texas Longhorn Cattle To Be Held At Mt Springs Camping Resort & Rodeo Arena, Shartlesville, Pa 1 Mile North Of Shartlesville Off I-78- Exit 8 In The Heart Of PA Dutch Country Eddie Wood, Auct

THURS. AUG 25 - Leb Co Holstein Club Sale, Leb Area Fairgrounds Harry Bachman, auct.

SEPTEMBER

THURS. SEPT 8 - St Thomas, Pa. Dairy Cow Sale, Dale Niswander, Owner, Kling's Auctions, Inc , Sale Mgrs.

FRI SEPT 9 - 1 30PM State Graded Feeder Pig Sale Grading 7 30-11.30AM Carlisle Livestock Mkt , Inc Exit 12 off I-81.

FRI SEPT 9 - 7PM Horse Sale New Holland Sales Stables, Inc , New Holland, Pa

MON SEPT 12 - 3PM 5th Annual Fall Lawn & Garden Equip Cons Auction at Farmersville Equip , RD4, Ephrata, Pa Located In The Village Of Farmersville 717-354-2150, Paul E Martin & John D Stauffer, Aucts

FRI SEPT 16 - Special Sale New Holland Sales Stables, Inc , New Holland, Pa

SAT SEPT 17 - Honey Brook Fire Co Quilt Sale Honey Brook, Chester Co Steve & Steve Jr Petersheim, Aucts

SAT SEPT 24 - 10AM Fall Heifer Sale. New Holland Sales, Stables, Inc , New Holland, Pa

FRI. SEPT. 30 - Kling's Sale Barn, Landisburg, Pa. Perry Co. Invitational Holstein Sale, Kling's Auctions, Inc , Sale Mgrs

OCTOBER

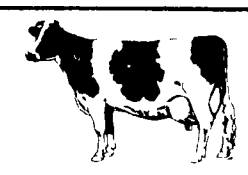
SAT OCT 8 - 12 30PM 69 Acre Dairy Farm Located in Bart Twp , Lanc Co , Pa 5 mi. S E. of Strasburg along Rt 896. H. Robert Stottlemyer Estate. Aucts. Steve & Steve Jr Petersheim

SAT OCT 15 - Farm Mach , H H , Antiques Located on farm, Rt 322 W of Ephrata, turn left Clay Rd , turn left onto South Fairview Rd. to farm on right Warren F & Jean Bollinger. Kline & Kreider, Aucts.

NOVEMBER

FRI. NOV 4 - R D #1, Millmont, Pa. San-Be Farms Complete Dispersal, Kling's Auctions, Inc , Sale Mgrs , Wm Kent, Pedigrees

NEW HOLLAND SALES STABLES, INC.



Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

SPECIAL DAIRY SALE CONSIGNMENTS For WEDNESDAY, JUNE 15, 1988

Helfer Sale Starts At 11:00 A.M.

NEW YORK STATE HERD DISPERSAL

80 Head of Holsteins from Prosperty Acres from the Finger Lakes area of N.Y. State. All 2, 3 and 4 yr. olds with very pleasing udders. 30 fresh April and May, 40 head due to freshen July thru Sept. Balance in all stages of production. This is an exceptionally good uddered herd with good dairy features. Well known for low Somatic Cell count and 3.8 to 4% test at the dairy.

(Note to dairy farmers) You will like the quality udders and dairy character of these cows. Be at New Holland Wed., June 15. Sale order: Heifers and Bulls, Regular Consignments from shippers, Herd Dispersal.

****

1 Load of Canadian Cows including several fresh cows and springers due to freshen June and July. SPECIAL MENTION-Reg. Red and White Agno Acres Marquis Ned Dau. consigned by Roy Johncox.

****

1 load Purebred and Grade New York State Cows, fresh and springer, consigned by Russell Lerwick.

****

Also Selling

* 1 load fresh and springer cows consigned by Norman and David Kolb.
* 1 load fresh and springer cows consigned by Merle Brenneman.
* 1 load fresh and springer cows consigned by Marvin Eshleman.
* 1 load fresh and springer cows consigned by Raymond Smucker.
* 1 load fresh cows consigned by Dale Hostetter.
* 1 load fresh cows consigned by Alfred Albright.

PLUS MANY MORE CONSIGNMENTS
For More Information Contact:

Abe Diffenbach 225L
717-354-4341

Norman Kolb
717-397-5538

"PUREBRED PRIDE" SUMMER SALE

FRIDAY NIGHT* JUNE 17, 1988
6PM Supper 7PM Sale
Wayne County Fairgrounds- Wooster, Ohio
100 HEAD QUALITY BREEDING STOCK

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CONSIGNMENT SALE

OF FEEDER PIGS & FEEDER CATTLE

FRIDAY, JULY 21, 1988
at 6:30 P.M. Sharp
Held at Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles east of Middleburg, PA, 5 miles west of Selinsgrove, PA.

Early consignments accepted
Bring a load - buy a load

Owners,
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PUBLIC AUCTION
Complete Dairy Herd Dispersal

The undersigned, discontinuing farming, will sell the following at Public Auction at ABERDEEN SALES CO., INC., LIVESTOCK AUCTION MARKET, located on Rt. #22 in Churchville, Harford County, Maryland.

81 HEAD DAIRY CATTLE 81

WEDNESDAY, JUNE 15, 1988
7:30 P.M. "Sharp"

This herd consists of 56 Mature Cows in all stages of lactations. There have been 14 head fresh in the last 90 days, 12 dry cows springing and the balance in full flow of milk and rebred for ave. months. Herd has been on D.H.I.A. Testing for 28 years and have been using Sire Power Service for 20 years. D.H.I.A. Records for all Producing Cows.

There are 26 head of heifers from started calves to bred heifers. Herd is T.B. Accredited and Certified Bangs Free Tested within 30 days of sale for Interstate shipment.

Herd will be pregnancy tested by Dr. Nizlek. The udders are very pleasing on these cows.

If you are looking for top bred cattle that will do the job for you, plan to be at this sale.

TERMS - CASH

Owners:
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Aberdeen Sales Co., Inc.
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Phone: 301-836-7590
Night 301-734-7105

MELVIN KOLB, INC.

JUNE HOLSTEIN SALE

June 16, 1988 - 7:30 P.M.

150 HOLSTEIN DAIRY COWS 150

LOCATION: At my Maryland Farm, located ½ mile northwest of Woodsboro, Route 550 in Frederick County.

75 **Purebred Cows and first Calf Heifers from the most popular Bulls and EX pedigrees.**

120 **Head of Grade Cows and Heifers from New York and New England States.**

All these cows and heifers just Fresh or Close Springers.

A Few Good Jersey Cows.

FARMERS: If you need good cows or heifers come and see for yourself.

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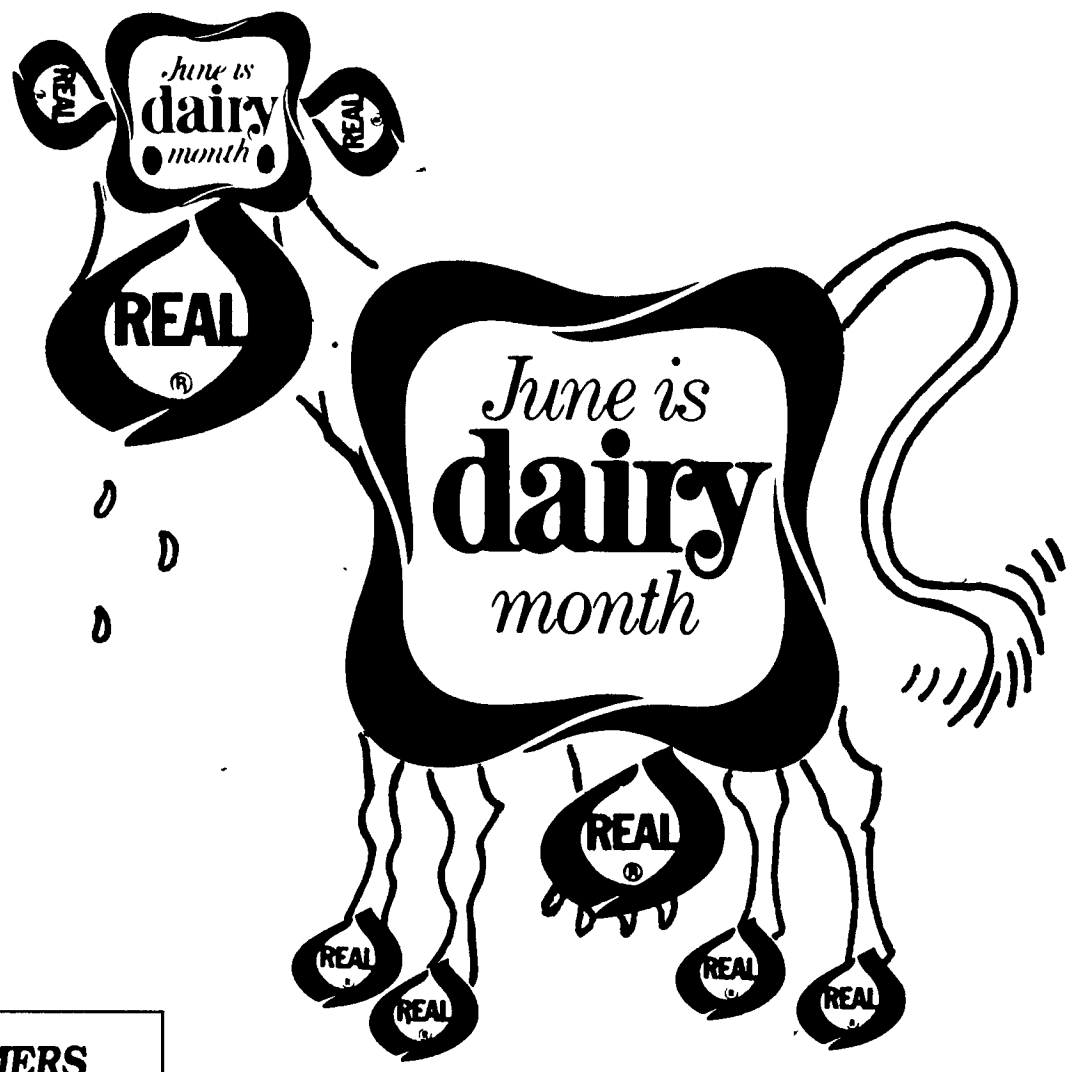
Please call 717-569-2106 or 717-569-6800 before 12:00 Noon on Wed., June 15, 1988.

Sale Managers:	**Tom & Mel Kolb**
Pedigrees:	**Henry Kettering**
Auctioneer:	**Robert Mullendore AU 000644-L**

Maryland Farm
301-898-7663
301-898-7720



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+4,305 Milk, +134 Fat 65 Cows - WHITE HORSE, PA **20,102 710 (3/88); 15,797 576 (10/86)**	**+2,454 Milk, +88 Fat** 33 Cows - LEOLA, PA **19,543 696 (12/87); 17,089 608 (12/86)**
+2,422 Milk, +86 Fat 42 Cows - INTERCOURSE, PA **19,097 667 (3/88); 16,675 581 (10/86)**	**+2,437 Milk, +91 Fat** 65 Cows - LEOLA, PA **19,488 696 (3/88); 17,051 605 (8/87)**
+5,407 Milk, +169 Fat 37 Cows - GAP, PA **19,539 696 (12/87); 14,132 527 (1/86)**	**+1,557 Milk, +33 Fat** 112 Cows - BLUE BALL, PA **20,742 762 (3/88); 19,185 729 (4/87)**

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